So even as the rubble was being swept from the streets, the event was being appropriated to aid familiar idephysical agendus.

Disillusioned academies and political commentators already are suggesting that Americans will full to learn from this tragelly, just us we failed to learn from the Watts rists. Yet over the past 25 years, and in the past live years especially, much research has been done into the frustrations of inner-city life, which ought in have raised the ilchate to a much higher level of sophistication. Some studies have shown the long-term value of child-development programs, for instance, and how

to design job training more effectively. Other research has shown how the decline of minafucturing in the inner city affects both unemployment and marital stability. Various studies have refuted simplistic arguments that welfure fosters dependency. Why did this academic research have so little influence?

Americans respect science and like to believe that their society is adopt at practical problem solving, without the ideological preiudices of more clans-divided industrial societies. Yet American culture also idealizes dreaming. The word "dream" uppears everywhere as a substitute for ambition, hope, or achievement, with the implicit or explicit

message that novthing can be achieved, whatever the obstacles, if only Americans remain faithful to their

The very qualities that give social research its scientific authority-its nystematic objectivity, its disavowal of value judgments-are particularly incompatible with dreamn. Evidence tends to confirm the intransigence of mundane obstacles to success. Thus social research about poverty is, for the most part, telling both ordinary people and political leadern what they do not want to hear-that policies are not working, that dreams are naïve, that they share the blame.

To inspire other, more realistic policies, research has to become engaged with the moral Issues that its findings address, such as meial and gender discrimination, inequality of opportunity, and what responsibility our society should take for political and economic decisions that affect our most vulnerable citizens. But social scientists aften are uncomfortable with this, because it seems to compromise the cunventions of obicetivity in which they have been trained, and from which they derive their legitimatiun.

Practicality has its own illusions, however, especially the illusion that research, done without preconceptions, will tell you what to du. But research must begin and end, at a time and a place, with a particular set of questions and observations. The framework for any research shopes its morning and how its results may relate to policy. The framework implies concerns about how human beings should act by the questions it asks and the context in which it asks them.

For instance, if you ask what are the characteristics of poor neighborhoods, you will notice un association among welfare dependency, crime, and large numbers of minority-group members. But because most poor people do not live in such neighborhoods, but are disbuted throughout urban and rural areas. If you ask what are the characteristics of poor people in general, you are more likely to see an association with divorce and the low wages earned by women, Further, you will get different answers depending on whether you study

a sample of poor people at a particular mament or over a periud of time. If a resenrcher ignores what happens over time and in a variety of settings, the characteristies of a small minority of poor people can be misrepresented as typical. If the researcher does not present these limitations or restrictionn explicitly or convincingly, the work is likely to be ignored or misrepresented by others to suit their own agendus.

Social scientists are not taught the elements of dramatic structure in presenting their research findingssuch as where to begin and end a story or haw to build to a climux-which might help to make their research and its conclusions more compelling to policy makers und the people the research is designed to help. Even thinking about their work in these terms offends their conception of science. In a world of policy debate where politicians, community leaders, newspaper commentutors, and the fellow standing next to you in the bur have no such inhibitions, the stories told by social scientists tend to come across as too technical, abscure, tentutive, and highly qualified.

This does not bother other aendemics. In fact, few

How Social Research Could Inform Debate Over Urban Problems

Finger pointing over the Los Angeles riots ignores the results of recent scholarship

academics in social research are rewarded with promotion or tenure because their work is relevant to policy or interesting to a lay public. Prestige comes from writ ing in journals read by their neers, where the admired qualities are anniytical sophistication and conceptual innovation. Reputations are made on the skill with which a conceptual idea is promoted and defended or critically attacked. And these controversies tend to frame research in an intellectual context very remote

1987, for instance, the Rockefeller Foundation made substantial grants to the Social Science Research Council to encourage research into persistent poverty, out of concern that n new "underclass" was becoming established in the United States, one permanently excluded from the opportunities for advancing in society. As the foundation's guidelines for grants were translated into research ideas, academies' impetus toward conceptual controversy thrust the word "underelass" into the center of the debate: Was if an appropriate concept? How do you define it? How do

Much time and Intellectual energy were absorbed in defending or challenging the validity of the concept. The problem is not that this was all a waste of time: The debute raised important questions about what was happening to the inner city and what characteristics its residents did or did not share. But it was remote from the way that people who were trying to intervene in the inner city thought about the problems. At the same lime as it financed research, the Rockefeller Foundation also financed six community-planning and action programs in inner cities. But the language and preoccupations of the people running those programs were profoundly different

They hoped to make local governments and government agencies more aware of the needs of poor people and more open to innovative ways of serving them better. They had no use for the word "underclass," which sounded like a denigration of the people they

were trying to help. They translated "persistent poverty" into interventions tu improve child development and health, as well as education and training; such prugrams were at once less stigmatizing and more

So although the academic researchers and the community reformers were inspired by the same underlying concerns, they did not provide each other with much

ACH GROUP was asking a different kind of question, which required a different kind of answer. If you are asking how to understand the persistence of poverty and frustration in the inner city, the answers tend to refer to large-scale changes in the wurld economy and the demographic shifts that accompany them. Such explanations ofter are called "structural," because they can be represented as a structure of relationships among social, cconomic, and governmental factors that together determine the impoverishment of inner-city neighbor

> But if you are asking what we can do, now, about this impoverishment, structural expla-nations are not very helpful, because they of fer no point of intervention. For people twins to make changes, the way relationships are reproduced-in the running of a school or the hiring of empluyees ur the recruitment of a gang of drug denlers—in crucial. Both kinds of answers are, in the end, attempts to grasp the same pattern of relationships. But to the reformers the acudemics often seem remain and daunting, preoccupied with their theoretical controversies. The academics find the ideas of the reformers superficial, narrow, or

Some profound inhibitions exist, then, on the infeence of social rescurch: They lie partly in the rewards and concerns of the academic profession, and partly in the ambivulence of society at large toward the find ings of social science. There are always some scholars with the skill and intellectual self-confidence to overcume these limitations, such as Mary Jo Base David Ellwood, Herbert Gans, William Julius Wilson, Frances Fox Piven, und Richard Cloward, to mestion only a distinguished few. But a mass of knowledge circulates within acudeme that is only very slow and partially absorbed into the wider public debate, if

What can we do about this, apart from trying to ereate more occasions where academics and reformers meet to try to understand each other?

We can begin to try to change the academic reward structure so that scholars' research is more respected and honored if it is useful and accessible. We can train social scientists to write better, with a larger sense of

We also need, I think, a profession of social-science journalism, equivalent to scientifie journalism, whose practitioners are expert enough to understand research on its own terms and able to translate it for a wider audience of policy makers, community workers, and the general public-including the communities the re-

search in designed to help.

The potential contribution of such a profession, both to politics and the intellectual life of America, is profound. It could at once inform the discussion of policy and reconnect sociology to its roots in social idealism and reform. A sociology department that encouraged its best students to believe that socialscience journalism could be the career for them would be a very stimulating, and influential, intellectual com-

Peter Marris is professor enteritus of urban planning di the University of Colifornia at Los Angeles and the onthor of several books on onli-poverty programs.

May 27, 1992 • \$2.75 Volume XXXVIII. Number 38

Ouote, Unquote

News Summary: Page A3 Researchers would have to be siting by women in their tones waiting for them to have miscarriages, or be sitting in energency rooms waiting for the est ectopic pregnancy to occur. ant Bush's compromise or

Finalubo is really nature's great scientist at NASA, on the volcano's

The right wing is delighted every ime someone turns down a part. They think it is humorous that we in the rats community patest by denying our selves the not we are trying to protect." Be lead of the National Assembly of Local Aris Agencies, on the latest NEA furor: A21

"De edmir strife has draven a take into the heart of the scientific community of Sandevo. Western Splement, on the tighting in Bossie-Herzegovinn: A31

for can make events come a dive You can give them a hook. You can teach them without them stalizing they are being tangent Aretired lewyer who shows hits periences with numbers through sprogram at Eckerd Collego: A27

Stephen Oates's recount of in's early years in With Malice Toward None is derivative to a degree requiring greater acknowledgment of Benjamin Thomas's ezder biography of Lincoln." Madean Historical Association: A15

There are no guidelines for what is sufficient neknowledgment of sources in popular biographics and Stephen B. Oatse: A15

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GOLD MINE FOR HISTORIANS

Newly Opened Archives of Former Soviet Union Provide Opportunities for Research Unthinkable a Few Years Ago



Dunald J. Rainigh, n professor of Soviet history, is visiting the Commi In Saratov for the first time: "It look ma literally 17 years to beat down the deser."

Donald J. Raleigh began trying to get into the local archives of Saratov in

In those days, though, Suratov, a city on the Volga River southeast of Moscow, was closed to foreigners-and, more important for Mr. Rulcigh, who is writing a history of Saratov in the era of the Runsian Revolution, so were its ar-

Things have changed. Two years ago, he finally got to see the city's records.

"It took me literally 17 years to beat down the doors," says Mr. Raleigh, a professor of Soviet history at the University of North Carolina ut Chapel Hill. "By 1990, glasnost had gone far enough that I was able to visit Saratov. t was really kind of a triumphal visit: Here comes someone who not only speaks Runsian but writes about their

A Steady Strenm of Documents

As the srchives and libraries of the former Soviet Union become more aceessible to natives and foreigners alike, scholars like Mr. Raleigh are encountering opportunities for research on Russian and Soviet history and politica that would have been unthinkable even three or four years ago. What began us n trickle under glasnost has become, with Continued on Page A7

IRS to Subject Universities to Closer Scrutiny With New Audit Method

By SCOTT JASCHIK

WASHINGTON Technology-transfer prugrams, the saltties of athletic chaches, and fund-mising operations will all come under heightened scruting when the Internal Revenue Service begins auditing universities in a new way this summer.

The new method, which will start with 7 to 12 universities, will eventually be used

fur regular audits in academe. In contrast to past audits, which generally were conducted by a single ins agent, each of the new investigations will be undertaken by a team of tux specialists. The audits are expected to take around two years, giving the government u wenith of new information on whether universities are complying with tax laws.

Oversight of Non-Profit Groups

Marcus S. Owens, director of the Exempt Organizations Technical Division of the tres, said the audits would cover all aspects of the institutions' finances. He said the probes would fucus on such issues as the unrelated business income tax, tax-exempt bonds, the salaries of athletic conch-

es and college presidents, and technologytransfer programs.

"These institutions, because of their

size and structure, really required a different spproach," he said. The new audits are part of a larger program, which han been thking shape over the last year, to improve tas oversight of non-profit organizations.

Mr. Owens said tas regional offices had selected the first institutions to be audited under the new approach. The institutions have not yet been informed, but will be notified when the IRS is ready to start work. Under government regulations, Mr. Owens said, the ms will not release the names of the institutions, even after they have been told they have been selected.

The new investigations are called "coor-



dinnted audits." This means the IRS will send a number of people to campuses to participate in parts of the audit. An inter-national-tax specinlist could participate if a university has foreign investments or ties to foreign companies. An income-tax spe-cialist might examine salary packages offered to senior employees. And a specialist on tax-exempt organizations might examine records related to fund raising.

Special Compensation'

One area that will probably receive a good deal of attention is the unrelatedbuninesa income tax. The tax, known as uart, is paid by non-profit organizations on Income they earn from operationa not directly related to their tax-exempt missions. The IRS has been interested in whether colleges pay appropriate taxes on revenue from eredit cards that they issue to alumni, from bookstore operations, and from many other sources.

*Colleges have a lot of opportunities to get involved in UBIT-type activities," Mr.

He added that the audits would include Continued on Page A25

Who says you can't find good news in the business section? At a time when most people would rather skip the business section and turn right to the comics, Aetna Life Insurance and Annuity Company' has some very good news. Moody's reports, "ALIAC's asset quality is excellent." Duff & Phelps says ALIAC has "the highest claims paying ability" and a "high quality, conservatively managed investment portfolio." /Etna This may be the best news our customers read all day. Aetna. A policy to do more.

This Week in The Chronicle

Scholarship

WENTREE TO SOVIET ARCHIVES ME PHASE IS GOVED PARTITION OF THE PROPERTY OF A PROPERTY OF THE PROPERTY OF T agreedented opportunities for research: Al

NICANOES AND EARTH'S CLIMATE management by the eruption of Mount Pinutube has by scientists to conclude that such activity affects sold temperatures more than they had thought: A6

HE GLACIAL PACE OF DOCUMENTARY EDITIONS The editors of historical papers—quintessential "trees" pople, who can't focus on the forest—should avoid Noted volumes that take ages to produce: A40

tides on the war of the glent fungi: A6 heto Ricon studies scholers to create association: A6 Olden's literature journal moves to new home: A6 tacks the roots of Italian Feacism: A10 Optiviline magnets discovered in human brain tiseue: A10 Canceptor for protein found in Alzheimar'e patients: A10 ANS elects fellows and honorary foreign mambars: A10 80 may scholarly books: A12

Professional

NOURY ON LINCOLN BIOGRAPHER COMPLETED The American Historical Association has concluded the studersity of Massachusetts historian failed to stepately stribute meterial he used in n book: A15

LYMDOW ON STUDENT LIFE

Response chippings, books, fraternity-sorority mappines, and scrapbooks are part of an extensive clica of materials on student life: A5

SUMME CONTROL OF INTELLECTUAL PROPERTY Unversities need to manage copyrights so as to change mateplace conditions that are unfavorable to shirty communication: B1

holeser is acquitted of trying to poison a collangua: A4 Ablige that pays tribute to Vietnam era: A4 Tany Anderson speeks at Eckard Collega: A4 famer security guard et Stanford U. charged with theft: A4 Septists sever ties with Furman U.: A5 Discussion focuses on who watches the classroom: A15 Bittle hunting firm hiree presidents for search panels: A16 Interest ecoused of harasement will teach again: A16 Officials loid to pay professor who was denied tenure: A16 Il professors file class-ection suit over selary levals; A16

Information Technology

he new books on higher education: A16

ATTRACTING STUDENTS TO ADVANCED CHEMISTRY Boston College professors teach introductory courses in decironic classrooms, and undergraduates use computer-controlled instruments in laboratories: Al7

Preble Community College to open community network: A17 Professor examines computer screens' reflections: A17 Mechine is named e historio engineering lendmark: A17 Six new computer progrems; three new optical disks: A19

Government & Politics

IRS TO START NEW AUDITING METHOD Universities' fund-raising operations and technologytransfer programs will come under closer scrutlny starting this summer: A1

COLLISION OVER BAN ON FETAL-TISSUE RESEARCH Congress is poised to pass a bill to reauthorize the NIH and to lift a ban on federal support of research avolving the transplantation of fetal tissue: A20

PENNSYLVANIA COLLEGES FIGHT GOVERNOR'S PLAN The presidents of private colleges are lobbying fiercely to defeat a proposal that would cut all their direct state support: A20



Scientists say the sruption of Mount Pinatubo has led them to conclude that volcante activity is capebia of modifying the certify's climate much more significantly than was ballevad. A6

MORE TROUBLE AT THE ARTS ENDOWMENT

The rejection of two grants by the agency's acting head has electrified the arts world: A21

U.S. IS URGED TO PROTECT RESEARCH The OAO says the government should restrict eccess to the results of federally backed research: A21

CONGRESS APPROVES SPENDING RECISIONS Lawmnkers overwhelmingly approved a bill to rescind more than \$8.1-billion in approved federal spending for the current fiscal year: A23

BUSH'S LOAN PLAN SAID TO BE HEADED NOWHERE Deteils of the proposal appear to doom its chances for passage, Congressional aides say: A24

ALEXANDER'S TENURE AT U. OF TENN. QUESTIONED The state comptroller says the man who is now Secretary of Education concealed university dealings with businesses with which he had had past ties: A24

Alexander says Pell Grents connot increase: A20 New exchanges with ex-Sovist states are urged: A20 Miss. Saneta blocks nominaes to governing board; A22 N.C. Governor's overhead proposal irks universities: A22 Update on election news releted to higher education: A25

Business & Philarthropy

Columbie is establishing center to combat drug abuse: A26 U. of Texas gets pointings from Michaner collection: A26 Foundation grants; gifts and bequaste: A26

Students

A CAMPUS TAPS SENIOR PROFESSIONALS Students et Eckerd College get insights and advice from e corps of distinguished experts in many fields: A27

A KEY ROLE FOR DOCTORAL FELLOWSHIPS Such support, rather than assistantships, Is more likely to help graduate students complete their degrees, a Cornell economist says: A27

Princaton students ere arrested on drug charges: A4 Oregon students tear down benner they call racist: A5 A fether celebrates the graduation of his sixth child: A5 Smith's president tries to dispel criticism, again, A27

Duke paper won't run second 'Holoceust was a hoax' ad: A27 USC moves to resseura incoming students after riots: A27

Athlefics

A SPRING CROP OF SPORTS BOOKS

A Congressman, a reporter, and three professors take a close look at various problems in the world of college

FACULTY ACCESS TO ATHLETES' ACADEMIC RECORDS The scnate at Drake U. wants to give professors more access to Information about players' performance in the classroom than most colleges allow: A29

FEUD AT APPALACHIAN STATE U. Students and faculty members oppose the university's plen to build a new student center; A29

DiBleggio to leave Michigen State for Tufte: A29 Quastions about role in scandal haunt NCAA chief: A29

Internetional

KABUL U. LOOKS AHEAD NERVOUSLY A month after Mujahedin rebels took power from the Communist regime, Afghenistan's netional university is deserted and uncertain about the future: A31

CLINGING TO THE WRECKAGE IN SARAJEVO Sectarian fighting is destroying the capital of Bosnia-Herzegovina, its university has been shelled end closed, and most of the city's residents have fied: A31

UNIVERSITIES SEEK MORE TIES TO WEST Higher-education institutions in the former Eastern bloc used a Unesco conference in Romania to press their need for contect with other countries. A31

CONFLICT IN NIGERIA The government closed most campuses in the southern part of the country after students violently protested economic-austority programs: A33

'Political correctness' heads to Frence: A31 isreel's seven universities shut down by a faculty strike: A31. Lebansse Prime Minister turns to American U. of Beirut: AS1.

Manual Association of the Control of



"A faculty forum will be held on Wednesday, April 29, to discuss the proposed changes in the grading poli-cy and the proposed addition to the core curriculum. All interesting fac-No bores, if you plense.

From "News Tips," a release frum the public-relations office at Wright State University:

When James Runkle, Ph.D., associate professor uf biological sciences, tenches school children in Oakwood an Arbor Day lesson, his oach will be far from traditional. On May 8, 8:30-11:40 u.m., Runkle will dresa as a preying mantis . . . On the gui vive, kidsl

Classified ad in the Daily Bruin. the paper at the University of Califor-

nia at Los Angeles:
'Sperm Donors — Experienced persop with pleasant personality to help charming, older woman with weight-loss program. Wilshire/Bev-erly Glenn area." No questions, please

From a program for a performance of The Cherry Orchard at the Cornell

University Center for Theatre Arts: "In Act II, the merchant, Lonakhin, whose father was a surf on the estate, says sareastically that, 'The old days were fine. Thay could at least flog the peasant then."

And then, suggests a reader, they'd hang ten.

Ad in the Des Maines Register: UPPER 10WA UNIVERSITY PULL-TIME FACTORY OPENING For Fall 1902

that said:

VOLUBE TOO CLOSE The owner of the car, our reador points out, had carefully cut out the

Note in "Police Bast," a dapartnent in the student paper at Winthrop College:

In Brief

Princeton etudents

arrested on drug charges

and five current students a ed on drug related charges last

Local police officers raided the students' off-campus apartment after a police investigation found evidence of illegal activity there. The six residents were charged with a variety of counts of growing, possessing, and distributing marijuana, and with possession of methamphctamines. All have been released pending a honring

A university spokesman de clined to comment on the status of

Profeesor is acquitted of poleoning colleague

rector of the University of Texas Cryobiology Research Center has been acquitted of charges that he tried to kill his research partner by poisoning a nasa! spray.

John G. Linner had been charged with the attempted murder of a scientist, W. Barry Van Winkle, after Mr. Van Winkle's nasal spray was found to be co taminated with n potentially deadty carcinogen, beta propiolac-

During the trial, Mr. Linner ac knowledged that he had ordered how-to-kill books last year. He also said he had ordered carcinogenic chemicals, which he said he had needed for his research. Pros-ocutors coatended that Mr. Linner, who no longer works for the

Former security officer charged in theft

ly was arrested after police raided

his home and found sevaral dozen American Indian artifacts and 280

raro books that had been stoles from the university in the 1970's.

Poilco said the suspect, Ste-

STANFORD, CAL .-- A former se- | his home about 40 miles from the

eampus. The artifacts, some of which are pictured above, includ-

ed seven Haida Indian argillite

ed seven Haida Indian argilite sculptures, small totem poles, and whalebone swords. Campus po-ice officers said earlier investiga-tions into the thefts had failed to



lo State University has dedicated

new bridge on its campus to an



Bridge at Colorado State marks Vietnam era

FORT COLLINS, COLO.—Colors- | Bridge, it is topped with bricks |

book on his ordeal. At Eckerd, Mr. Anderson told 2,500 students and community esidents how religion had helped

from a university building that

was burned down in 1970 at the

height of the anti-Vietnam War

protests on the campus

Former hostage makes

ST. PETERSBURG, FLA.-The

former hostage Terry Anderson spoke last week at Eckerd Col-

Campus visit

height of the anti-Vietnam War journalist who died while corprotests on the campus.

The project was the brainchild land.

Corrections

A map that accompanied an article about the riots in Los An-geles (The Chronicle, May 13) incorrectly located Woodbury University. The institution is 30 miles

north of the central riot area.

An item about a brawl that occurred at iows State Heistorei. ty's saauni spring festival (The Chronicle, May 13) incorrectly stated that Martin Jischke, the matter that matter listence, the university's president, doubted that the festival would be held again. Pollowing the fighting, Mr. Jischke did say: "Tho damage, the design that the say." phon Crawford, wan was sur-ployed by the university as as came after an anonymous tip. Mr. bloom on the came of t

continue this traditioa." An item about the Puller Theological Seminary iThe Chronicle, May 13), inc reported that John Pinch, a psychologist, was the founder of the seminary'a graduate school of psychology. Mr. Finch is ane of several people who helped found

him deal with torture during his

captivity. Mr. Anderson plans to speak at other colleges and un-

versities this fall.

(above), who wanted to boild a

he school. A A atory about privatizations public higher education (The Chronicle, May 13) and the State University of New York at Bing hamton was dropping two eng accring programs. University of ficials describe those progra engineering technology



Septists sever

and battle between the South Cardina Baptist Convention and GEENVILLE, a.C.-A long-runfermen University caded this north whea the cor puver all legal and financial ties A Farman.

namention had prev given the aniversity about \$1.6-Giona year, or about 3 per cent d Parman's total budge

The convention also voted to scind its earlier decision to take Ferman to court over the univerin's decision to reviae its charter a allow the university to elect its region had had that pow-

The decision came as a relief to Furman's president, John E. had a divisive effect on South Car dinn Rantists, "Now, our board is not in danger of being taken ever by fundamentalists, and this means that the academic freedom of the university is assured," he said in an interview

The convention's decision to sever ties with Furman prompted the Rev. George Dye, a member of the university's bourd of trustees, to resign. Mr. Dye suid he had been elected by the Baptist convention to serve as a trustee of a Baptist university. Furmen's

board has adopted a statement saying that the university will remain faithful to Baptist values, even though it will be an inde-



Students tear down banner they call racist

BUGENE, ORE.—A group of stu- | and eight other renowned figures. deltat the University of Oregun advertising the institution's sumnet session, claiming the banner graced minorities. The sign, thich read, "You meet the most itteesting people in summer dringelo, Plato, Jane Austen,

Angered that only white people had appeared on the banner, group of students cut it down, scrawled "Rucism" on it, and puinted some of the faces brown. Otis Scarborough (above), a public-safety officer at the university. reported the incident to compute disciplinary officials.

Ginity (below) spent \$650 to rent

the 12-foot by 32-foot billboard to

congratulate his daughter,

Meghan, who received her bache-

father puts his pride on a biliboard

WEST LAFAYETTE, INO .- The father of six graduates of Purdue University decided to celebrate

lor's degree in communications Greg Zawisza, a senior newsaervice editor at Purdue, said he the commencement of the youngest by realing a billboard on couldn't recall such a message's having being used before as a marby Highway I-65. Ken Mc-



PORTRAIT

A Glimpse of the Lives of Students Past

By SUSAN DODGE

In the spring of 1872, Charles Northrop, a senior then at Yale University, missed so many of his courses in trigonometry, Latin, and chemistry that an administrate

"Your son has incurred 41 unex wrote. As a result of his absence: second level course of discimake up some of the missed acr

Mr. Northrop's leather-bound scrapbook of his years at Yale is part of an extensive collection at the University of Hilnois of materi ais on student life. Many of the books, fratemity and sorority magazines, and student scrapboo known as the Stewart S. Howe Collection, were collected by Mr. Howe, a 1928 graduate of the University of illinois.

Offers an Insight

Mr. Howe amassed much of his material by purchasing oid scrapbooks in used-book stores and requesting journals from fraternities sororities, and students. The col-jection offers an insight into the world of studenta at hundreds of colleges and universities from the ate 1800's to the present.

Mr. Howe left the material to the university in 1973. In 1989, an endowment of \$750,000 was estab lished to support the collection, and last fail the university hired John B. Straw as the materials' archivist. Mr. Straw says he would like to expand the collection to include more material about student life today.

'There has been a renewed interest in the undergraduate, and, with projections for declining enrollment, there is more of a need for colleges and universities to be able to know what the undergraduate student is really like," says Mr. Strsw, who came to Illinois after working for four years as the archi-vist at Virginia Polytechaic Instituta and State University. "The oliection is new and ex because it looks at atudant life as a way of defining our culture and ho

Mr. Strsw is organizing the coliection in five rooms of a horticul-tural field-laboratory building not far from the center of the campu Amid the ameii of old chemicals that ooce were used in the iab, gray files holding Mr. Howe's correndence and fratarnity and sorority journals line matal shelves that reach the celling. in another room, fraternity and sorority journals con-taining the mioutes of chapter meetings and descriptions of so-ciai and philanthropic eveats are stacked in large piles. Mr. Straw

has yet to categorize them. A hallway between the rooms contains four amail glass cases that display relics of student life. One of the cases includes material from World War il. A Theta Delta Chi fraternity journal, Alumini in Unilame and Abroad, includes news of a student who was wounded on July 28, 1944, and taken to a



John B. Straw, archivist for the U. of illinois collection: I at student life as a way of defining our cultura and how it has changed.

hospital in England. Another recent ournal says, was shot

in a battle in Italy. The collection offers a detailed look at student life long ago. For example, Mr. Northrop included in his scrapbook a bill for tuition, fees, and room and board at Yale for \$53 from 1872. Naxt fall, Yale will charge \$23,700. While today's college students frequently dine on izzas and junk food, the scrap book of one student noted that an

The age-old issue

of college etudents'

asking their parents

for spanding money

evening meal in the Pl Phi soronty

house at the University of Illinois In

1907 included hashed chicken on

toast, potatoes stewed in cream, tea biscuits, and gingerbread. Mr. Howe, who was a member of

Mr. Howe, who was a member of the Kappa Sigma fraternity at illi-nois, was particularly interested in fraternity and sorority iffe, and that interest is evident in the collection.

Books, journals, handbooks, and

magazines about Greek life fill the

shelves. A 1922 book titled Initia-

tion Stants includes a description of several different types of activities

that might be coasidered "hazing

that might be coasidered. hazing by today's standards. Beating initiates with wooden paddles, shaving their heads, forcing tham to out pumpkin pie without thoir hands,

and cracking raw eggs on their

also is evident

in the collection.

'Fine, Manly Fellowa' "A body of young man, repre

senting the Sigma Chi fraternity, met in convention in this city," the paper saya. "Fine, manly fellows they were, too—the flower of prominent institutions in various

heads are a few of the "stunta" in

An 1880 journal of the Sigma Chi

fraternity mentions the biennial convention the fraternity held in

Washington that year. About 60

members of the fratemity attended

the convention and The Republic,

published at the time, covered the

Mr. Howe was also interested in atudent protests that occurred in the late 1960's and carly 70's. His collection includes a book called Hippies in Our Midst and several a perophooks about the peri od. Priscliia S. Hart's scrapbook of her years at the Ohlo State University from 1967 through 1971 inciudes newspaper clippings about antiwar marches in Washington, campus protests against landiords who discriminated against blacks, and the 4,000 National Guardsme came to the campus in 1970 to queli atudent prote

quen atudent protests.

The age old issue of collega atudents' asking their parents for spending money also is evident in the collection. A 1923 book, The Fraternity and the Undergraduate cludes comments from an unider tifled atudent, "Pather complains i spend too much," he says. After he spent \$100, he asked for more. The student adds: "It is kind of a game now to see how much I can get."

"In these tough times, a job's a iob." a reader comments.

A reader at the College of Mount Saint Vincent, who reminds us that her institution was founded by the Slaters of Charity, spotted an automobile with a college sticker on the rear window and a bumper sticker

"The reporting officer observed a car accelerating above posted speed limit. . . . The vehicle ran through a stop sign without breaking. Just lucky, we guess.

The Chronicle of Higher Education passe core-yield is positioned weathy recent the latest were in American found in the last two weeks in December, at 1255 Twenty-Third Street, N.W., Walthout C.C., 2015. Subscription rate: 459.5, Sper year. Section-Clean position will be Westleman C.C., with all sufficient statistics offices. Copyright of 1912 by The Chronicle of Higher Education, 1915. The Chronicle of Higher Education (Section 1915) and the Chronicle of Higher Education (Section 1915). Herein, Ohio (1915), Merican, Ohio

News from the front in the

battle of the giant fungl: Recent publicity surrounding the discuvery of what was thought to be the wurld's targest living organism. of two forest patholugists who say they have been studying—for almost 25 years—a fungus that is 40 times

The size of the one in Michigan.
The Michigan fungus was described by scientists at Michigan Technological University and the University of Toronto in a recent article in the journal Nature. They had determined, using genetic testing, that an Armillaria bulbose fungus in Iron County, Mich., cuvered an area of 38 neres, and might be the world's breest single living urganism, estimated to be about 1,500 years old.

Now Ken Russell, of the Washington State Department of Natural Resources, and Terry Shaw, of the U.S. Porest Service Rocky Muuntain Experimental Statiun in Furt Collins, Colo., say an Armillaria ostoyae fungus near Mount Adams, Wash., covers 1,500 acres-two and one half square 400 and 1,000 years old, and specimen of the fungus.

A group of achotars in Puerto Ries n studies is hoping to create a new association. An organizing ting of the nascent Puerto Rican Studies Association will be held in September in White Plains, N.Y.

Angelo Falcon, president of the Institute for Puerto Rican Policy based in New York, said that in the Ricans in the United States reside. the Latino population has shifted. vith the Inclusion of other immigrant groups from the departments of Puerto Rican studies

begun to broaden their focus. "We felt it was time to strengthen the field," Mr. Falcon said, "but siso to look around and see what we're

"Children's Literature." a leading journal in its field, is moving from the University of Connecticut to Hollius College.

Prancclia Butler, professor of English at Connecticut, who founded the annual journal in 1972, said home for it, in part because the college is just starting a master's degree progmm in the study and writing of children's literature Richard H. W. Dillard, head of Hollins's creative-writing program, is the new editor in chief.

If the change of location means changes to the journal, they are a long way off. Elizabeth Keyser, an assistant professor of English at Hollins and the journal's new editor, said nothing dramatically different was planned for the first issue out of Hollins, which will not be delivered to the publisher. Yala University Press, until March 1993.

Scholarship

Effect of Volcanic Activity on Climate May Be Greater Than Scientists Believed

Researchers find eruption of Mount Pinatubo caused significant global cooling

By KIM A. MeDONALD

WASHINGTON A recent decline in global temperatures that is connected to the cruption of Mount Pinatubo hus forced leading stmospheric scientists to conclude that volcanic eruntions are capable of mudifying the earth's climate much mare significantly than was eviously helioved

Scientists reported last week that the atmospheric couling from the emption of the Philippine volcano last June had been so great that it had temporarily overwhelmed the long-term global warming trend caused by the greenhouse effect and a sharterterm increase in temperatures caused by a tempurary warming of the Pacific Ocean known as El Niño. The scientists spoke at II news conference here organized by the American Geophysical Union.

Measurements from weather satellites for example, indicated that mean global temperatures last month were three-tenths of a degree Fahrenheit below the average for the last 10 years. In the Northern Hemisphere, last month's average temperatures were about half a degree Fahrenheit below normal, the largest decline since February 1986, according to scientists at the University of Alsbama in Huntsville.

Atmospheric experts attributed the cooling to the unusually large amount of solfur dioxide thrown into the upper atmosphere by the volcano. When that gas combined with water vapor, they said, it produced tiny droplets of sulfuric acid that have absorbed and scattered sunlight, warming the upper atmosphere while cooling the lower atmosphere.

Changes Laid to Sulfur la Emissions

The scientists said their comparison of the emption of Mount St. Helens in Washington State in 1980, which expelled relatively little sulfur, and the sulfur-nch cruptions of Mount Pinatubo and Mexico's El Chichon in 1982, offered proof that the sulfur content of the volcanic emissions, not the dust or osh, is responsible for changes In the climate.

Jnmea E. Hansen, a climate expert at the National Aeronautics and Space Administration's Goddard Instituta for Spaca Studies In New York, said the cloud of sulfuncacid droplets from Mount Pinatubo that now envelops the globe reflects about 2 per cent of the incoming solar radiation.

That should force global temperatures to decline by an average of about one degree Pahrenhelt over the next two years, be predicted, with the strongest cooling to come later this year.

"Pinatubo ia really nature's great climate axperiment," he said. "It's a very different kind of experiment than man's experiment, which is causing globs warm-

Mr. Hansen, one of the first scientists to warn that the burning of fosall fuels had initiated a prolonged period of global warming, said the cooling attributed to Mount Pinatubo confirmed predictions

that he and others had made in December and showed that their global-warming mndels were on the right track (The Chronicle, Januscy 8).

"It doesn't alter the expectations for long-term globs! warming," he said. "But the fact that the [Pinatubo] models seem to be in the right ballpark incresses the confidence in the global-warming models,"

Higher Temperatures to Come

Most scientists believe that the additionat carbon dioxide in the stmosphere from the burning uf fossil fuels-which has trapped hent radisting from the earth's surface-hus raised global temperatures by an average of one degree Fahrenheit over the past century. Some models estimate that the "greenhouse effect" will raise global temperatures by several more degrees

Mr. Hansen emphasized that the temporary cooling from Mount Pinatubo was sffecting average global temperatures and that regional weather patterns could make

some regions of the earth warmer than normul over the next few years. "The exact patterns are not predictable," he said,

Alan Robock, an associate professor of teorology at the University of Maryland at College Park, said that over the past winter, North America, Europe, and Asia were warmer than normal, while the rest of the world was cooler than normal The appears tu be the typical pattern siter maior volcunic eruptions in the Narthern Hemisphere that inject large amounts e sulfur dioxide into the atmosphere, he said. He added that the warming may have come at a particularly opportune time for Russia, where many observers feared the prospects of a cold winter and food shortages could have led to another dramatic political ophcaval.

"There were dire predictions of a newlution in Russia this winter," he said. "But it was quite warm, and maybe Pinatubo was responsible for that "

Richard P. Tureo, a professor of atmos pheric science at the University of Califor-



Richard P. Turco, atmospheric science professor at UCLA: "The possibility of a more dramatic ozone depletion is looming."

gual Los Angeles, said the climatic effees might not be the only large-scale impad of the Mount Pinatobo cription.

He said that in addition to producing aced 25 million tons of sulfuric acid—a denical that catalyzes reactions that deany amospheric ozone—the vulcano had plased four million to six milliun tuna of dioine, which is directly responsible for we destruction

The potential for ozone depletion is very large, indeed," he warned.

Lonling Ozone Destruction

Since last June's eruption, however, scimiss have discovered that sume 99 per ent of the chlorine has precipitated out of deatmosphere, Mr. Tureo snid. Over the gne period, global ozone levels have de-

died by only 4 per cent. Mr. Turco said he believed that the relausdy meager amount of ozone destruction weld be explained by the fact that the statosphere, or opper atmosphere, was wirner than normal over the past year, a andition that impeded ozone-destroying extions. But he said that cumdition might and lost four long.

"The possibility of a more dramatic goes depletion is looming," he said. "If destratosphere were tu cool and unother France crupts, we could be seeing some

Stephen Self, a geology professor ut the University of Hawaii at Manon, said the by distinct effects that have been produed by Mount Pinatoho were furcing utandoists to look mure closely at why size volcanoes throw large amounts of affir into the atmnsphere und how their ruptions can be predicted.

"We are finding now that there is n class of exptions that are sulfar rich, and we ally don't know why.

Mr. Self, who chaired u conference for he geophysical union in Murch in Howaii mysteanism and climate change, said last hee's eruption hall proved to he "the bigest injection of sulfor into the atmosphere ince the eruption of Kmknton in 1883."

compared with the 25 million tuns of after released by Mount Pinutuho, the expesion of Krakaton in Indonesia is estimed by scientists to have injected 85 milion tons of sulfur into the atmosphere. lambora, another volcano in Indonesio. released some 300 million tons when it trapted lo 1815, acientists said.

Demise of the Dinosaura

Many of the major climatic changes and ss extinctions of life in the recent geoogical record appear to be correlated with such major volcanic eruptions, said Michael R. Rampino, an associate professor of applied science at New York Universi-

in addition, some scientists have found evidence that a sulfor cloud in the corth's ancient atmosphere may have even conlibuted to the demise of the dinosaura. Haraldur Sigurdason, a professor of oceaneraphy at the University of Rhode Island, aid the giant asteroid that is believed to have collided with the earth 65 million ters ago to produce a major global coolas that killed the diaosaura appeared to ave bit a sulfur deposit.

Sulfur can do o lot of nasty things," he and it seems the extent of the enviamental changes from this is only now

Martanna Tax Choldin at the Martenson Center for International Library Programs: "The physical condition tends to be pretty dismat Preservation is a horrandous problem." Gradual Opening of Former Soviet Archives and Libraries Creates Unprecedented Opportunities for Researchers

the collapse of the Soviet Union and the Communist Party, a reintively steady stream of newly opened documents and improved guides tu finding them.

Continued From Page Al

"It's a real guld mine for historisas," snys Norman M. Naimark, director of the Center for Russian and East European Studies at Stanford University. "Everybody's anxious to see what's there."

The gold is not unalloyed, however. Archives and libraries in Russia and other former republics are desperate for money, slowing the process of appraisal and declassification and creating ao opening for some questionable commercial practices. In many instances, rules on access and questions of jurisdiction have yet to be decided, so the process of making documents available is unsystematic at best.

The situation in which Soviet archives find themselves, says Marianna Tax Choldin, director of the Mortenson Center for International Library Programs at the University of Illinois at Urbana-Champaiga, "fits in with the general situation of chaos that we hear about."

"It's affecting libraries, archives, and cultural institutions in a serious way."

Excitement and Frustration

The records most intimately concerned with the workings of the Soviet state are generating the most excitement and the greatest frustration. As described in recent reports by organizations in the United States, they fall into several groups:

a The Communist Party archives. These are divided loto two major parts: one known until recently as the Central Party archive, which covers the period from the

1917 Bolshevik Revolution to the October 1952 party congress; and another generally known as the Central Committee srehive which contains documents from the end of 1952 through the August 1991 coup, plus many of the more sensitive doc from the earlier period. The Central Party archive is much smaller but more open;

"The mainstream, inside-

politics kind of history was almost impossible. Because

of that, we've had a very

schematic notion of the ins and outs of Soviet politics."

foreign scholars gained more liberal access to it about a year ago. The vnst majority of the 30 million files in the Central Committee archive are still classified.

a The Presidential, or Kremlin, archive. chnically part of the Communist Party archives, this contains the most sensitive-and secret-records of the party lership, including those of Politburo meetings, and is separataly housed in the Kremlin. Because power in the Soviet Union was coocantrated at the top, this is the archive that scholars are eyeing most hungrily. It is believed to contain, among other thlogs, some 17,000 files of Joseph Stalin's

a The Kon archive. This collection is extremely sensitive politically, and the process of declassification has only recently been set in motion, koa documents have

also been subject to a fair amount of abose, At the time of the August coop, for exomple, reports surfaced that members of the intelligence service were destroying incriminating records. Other sensitive material has been lost as well: One official reported that as recently as 1989 Kga agents destroyed some 580 notebooks taken from Andrei Sakharov. In addition, some former Koa operatives are said to be selling

off individual files for hard currency. a The Foreign Ministry archive. These records began to be opened to oulside scholars in 1990, but declassification has been very slow.

a The Defense Ministry arehive. Milltary records began to open up in 1991, but the question of access has been complicated by the fact that lines of authority over many of the assets of the former Soviet military are still being sorted out.

Archives of interest to historians of prerevolutionary Russia, such as the Central Historical Archive in St. Petersburg and the Central State Archive of the October Revolution to Moscow, have been open to scholars for the last 30 years or so. But even there, access to materials was closely, if indirectly, controlled, by restricting the use of inventorles listing individual holdings. Inventories have been more available in last coople of years.

Beset by Serious Problems

Scholars who have been keeping track of the opening of the Soviet archives say the process is beset by senous problems, nooe more compelling than the lack of financial

Pew repositories, for example, are ade-Continued on Following Page



askind of history was almost im-

milesor of history at Stanford.

Recuss of that, we've had a very

ets of Soviet politics.

enatic notion of the ins and

Mochof Mr. Emmons'a work, in

fict, has focused on pre-revolu-

toury Russia, but he is just begin-

leferd, because the most acces-

ingresearch on the 1920's.

able," says Terence Emmons,

Continued From Preceding Page quately supplied with such basic equipment as photocopying or microlliming machines. Researchers tell stories of fires that have destroyed thousands of poorly housed documents, or repositorie that have been closed for long periods because of structural weaknesses.

Some Dubious Practices

"The physical condition tends to be at best pretty dismal," says Ms. Choldin of Illinois, "Preservation is immed into inappropriate places with an elimate control.

Beyond such essential considerutions, however, the severe hudgetury constraints that libraries und archives are experiencing have led to some dubious practices that scholars fear could hinder equal necess to archival nuterial.

According to many scholars, news urgunizations and other have been offering archival officiuls large sums of money in exchange for exclusive access to previously secret documents.

James G. Hershberg, whn coor dinates the International Cold War History Project at the Woodrow Wilson International Center for Scholars in Washington, tells of a visit that he and others made t Moscow in January, during which

The archives in the former republics ere desperate

for money, slowing the

appraisel process end creating questioneble commercial practices,

they diacussed questions of necess with a senior archives officin

"Why should I bother to talk to vou," the official asked, "when German television will offer us \$20,000 for one file?"

Of less serious but more Immedia ate concern to scholars is the growing practice at many problem of charging exorbitant fees for whn are normally considered routing public services. One acholar noted for example, that the Central Party nrchive is charging \$2.40 a page for photocopies, and is planning to inatitute n "fetching fee" for every flic a researcher requests.

Vast Reorganization

"Junior scholars, graduate students, people at institutions without resources could be shut out," says Susnn Bronson, program associate at the Social Sciences Research Council, who is one of the authors of a statement circulating nmone acholars of Slavic atudies auggesting guidelines for research in the former Soviet Union.

The dissolution of the Soviet Union has also required a vast reorganization of government records, which has been complicated by the fact that Russia has no law governing the handling of official nrchives. Parliament ia considering n measure that among other things that secret records be opened after - ternational Research and Ex-30 years.

"All this is happening in a legal vacuum," Mr. Hershberg says. Despite such difficulties, scholars in this country give senior Russian prehive officials high marks for their evident determination to bring their collections into line with generally accepted international standards Indeed Russian offic eials, recognizing the obstacles they face, have entered into a vari-

University Press), in 1986-four years before he got to see the town's records. Like other seholars attempting, before elasnost, to study Russian and Soviet history, he was forced ety of international collaborative tories and research institutions, ining Russian newspapers, which cluding the Library of Congress, have been open to Western schol-

changes Board.

*Drowning in Muterial

Mr. Raleigh of North Carolina

published the first volume of his

the Valgn: 1917 in Snratov (Cornell

would impose the standard rule. Revolution, and Peace, and the In-ularly valuable source of information on the revolutionary period; materials available in the West. such as the memoirs of émigrés or terials that émigrés brought out of the country with them; and documents that were allowed to be published in the Soviet Union. which are useful but, by definition. ine on plete.

The material he has seen since the publication of the first volume of his Saratov study has "fleshed out" his understanding of the Revolution's impact on the town, Mr. Raleigh says.

He is now at work on the second volume, which will take the history the Hoover Institution on War, are and have proved to be a partic- of Saratov into the 1920'a. He hus Scholarshin

been back to the city twice since 1990, and although it is past time by the kinds of history that the or him to begin writing and he is while records allowed—for ex-"drowning in material," he is the again this month, visiting the local sikh s historian can rely on ex-Communist Party archive bages of cables and other public allowing him in for the first time "It's opened up unimaginal The mainstream, inside-polihorizons," he says.

Focus on 1920's

Mr. Raleigh's experience re flects that of other historians of Russia and the Soviet Urion While they certainly had ways to get around their inability togainen trée to the Soviet archives, no that doors are opening to them, hey have a lot of work to do.

The lack of access, scholars say, has ahaped the historiography of Russia and the Soviet Union the

archers were forced to specialista in the last few years have turned their attention to the diplomatic history, for

Gregory L. Freeze, a professor

"Why should I bother

to talk to you," en officiel asked, "when

Germen television

will offer us \$20,000 for one file?"

of history of Brandeis University, she of the newly opened does is one of them. The possibility of gets are those concerning the studying that period more closely,

mental in the last several dee-early Soviet period, up to the he says, has helped to revise schol-way you could. What the other St. or several period of the outbustions are views of it. 1917. former thing. is no longer seen as a "fundamenta divide" in Russian history.

> "That was the old historio phy reinforced by the denial of archival aecess." he says.

Most scholars also agree that, nearly as much as the increased access to documents, the increased documents will prove to be a spar research, in particular by suggesting new avenues to pursue.

Mr. Freeze notes that, in the past, the Soviet government published archival guides that described perhaps from 20 per cent to 50 per cent of a given collection.

'That's how people would pick research topics," he says. "From 6,000 miles away it was the only

Mr. Freeze is directing a project. with Jeffrey Burds, a historian at the University of Rochester, to ereate comprehensive inventories ehives in Moscow. They hope eventually to expand the project to availability of inventories of those St. Petersburg and to some provincial cities-"so that people can de sign feasible, original research top ics." Mr. Freeze says.

Lineven Prospects

For all the excitement about the increasing access to ducuments. many researchers warn that, espeeially for more-current topies, the prospects for access are uneven. William Tuubman, professor of

political science at Authorst College, is at work on a biography of Nikita S. Khrushchev, He has little or no hope of getting his hands on the records he would most like to see; they are in the top-secret Presidential archive in the Kremlin.

For other kinds of subjects covered in the Communist Party files, the prospects are much better, Mr.

an says. "If they are all right there and available," he says, "they would be a boon for people who wanted to write about how the party machine worked, how it controlled various aspects of life in the Soviet Union. That's what's in these files."

Nevertheless, scholars acknowledge that the new access to Soviet records will change their work in more subile but more profound ways than simply providing new research topics. Without such access, many say. Soviet specialists had an excuse for writing history that was impressionistic, preliminary, or otherwise incomplete. For many researchers, that's not the

"We enn no longer get nway with what we got nway with before." Mr. Raleigh says.

17 Bioscientists Are Chosen as Searle Scholars

Seventeen researchers in the biological sciences have been named Searle Scholars by the Chieago Community Trust. The scholars' institutions will each receive a three-year grant of \$180,000 to help Pollowing is a list of the scholars. their institutiona, and their proposed research projects.

Cornello L Bargmann, U. of California at San Francisco: development and function

C. elegans.
Warren F. Book, Vanderbilk U.: femioseand speciroscopic studies of relexation
processes in photosynthetic light-harvesilas proteins.
Alan D. Bender, Indiana U.: control of cellpolarity development in yeast.

polarity development in yeast. histophur C. Goodsow, Stanford U.: self-tolerance mechanisms in B-lymphocytes. Kathleen L. Gontd, Vanderbill U.: 1 niama of enkaryotic cell-cycle trol.

teles. Inria A. Kalsar, Massachuse)is instinte of Technology: molecular genetics of organn in A. Komives, U. of California a

mains.
Mitzl I. Marodin, Boylor College of Meul-clae: molecular anotysia of dosage com-perguation in Drosophila.
Yang Liu, New York U.: the role of the co-alimulatory pathway mediated by the heat-stable protein in T-cett responses

ano interance.

Mark A. Pelfer, U. of North Coroline at
Chapel Hill: the role of the unnoditio
gens in pattern formetton during Drasophila segmentation, oogenesis, and eye
days loomans

development.
Franklin Fugh, Peanaylvania State U.: biochemistry of the human transcription

biochemistry of the human transcription (Actor Fritz complex).

Soel H. Rothmus, U. of Wisconsin at Medison: characterization of essential zygetic genes controllins embryonic development is the nematody C. elesans.

Alea B. Sachs, U. of California at Barkeley: the poly(a) tall and post-indering tional resultation.

William B. Telman, U. of Minacsota; the chemistry of biological dactrification.



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RESEARCH NOTES

- Roots of Italian Fescism traced to serily opposition movements
- Crystalline magnets are discovered in human brain tissue
- Scientists find cell receptor for protein in Alzheimer's petients

The roots of Italian Faucinm can be traced to the rhetoric of opposition movements that arose in Italy carly in this century, says un Emory University historian.

In many historical accounts. writes Walter L. Adamson in the current (March) issue of The Journal of Modern History, the Fuscist movement seems to have spring full-blown from conditions created by World War I. But Mr. Adamson argues that the movement's origins ca he traced back earlier than that. farces that were coalescing just after the turn of the century.

He further maintains that, because Itulian Fascism was not u coherent political doctrine or ideology, its roots are most unpropriately traced through similarities between the rhetoric of the curly opposition groups and that of Mussolini himself. In the years between his

party, just after the start of World War I, and the Fascista' March on Rome in 1922, after which he become Italy's premlcr, Mussollni's apeeches and writings reflected the ideas and innguage of several groups opnosed to the ruling liberal government. Each of them, Mr. Adamson says, was influenced by the "elite theories" put forward by some noted Italian thinkers, and each called for the

But Mussolini's rhetoric was most strongly influenced, Mr. Adamson prgues, by another, related opposition group, the cultural avaol-garde that was centered on the Florentine journal La Voce (1908-14), Thni group of writers saw the Italian ourgeoisle as the country's "internal enemy," and envi-sioned o "greet wnr" that would become a vehicle of national re-

Mr. Adamson aays that like the vaciant, as the writers for La Voce were called, Mussolini harbored a vision of a great war to be waged against the internal enemy, the decodent incumbent ruling cinss.

-- BLLEN K, COUGHLIN

Researchers say they have discovered crystalline mag-

Joseph L. Kirschvink, an associate professor of geoblology at the California Institute of Technology, and his colleagues there discovered the cryatala of the magnetic mineral magnetite in brain tiasue taken from seven cadavers. An article about the research has been accented ings of the National Academy of Sciences and the findings were discussed at a seminar and



of a "great war" to be waged sgaing the decidant ruling class

netic fields might influence the al. functioning of human tisaue by altering the magnetite. In experments with the magnetite crystals found in the brain found the place on nerve tissue, the Callech acientista cells where an abnormal aubfound that a magnetic field only stance produced In the slightly atronger than the brains of those with Alz

The question of whether elec- the cells and destroys them. tromagnetic fields might have harmful effects on humans has been a topic of intense debate in Neve, an associate professor of recent years. Scientists who argue against harmful effects say that no mechanism exists that would allow the electromagnetle fields to change tissue.

they want to stay neutral in the

debate.
"In my opinion the jury is definitely out on whether electromagnetic fields actually do have health effects," said Mr. Kirachvink, in a stolement. "I'm n geobiologist and the extremely difficult job of determining whether electromagnetic fields have health effects belongs to the field of epidemi-

The brain tissue used in the research was obtained through a consortium of research cenlera studying Alzheimer's diacase. The tissue came from three people who did not have the disease and four people who More knowledge about it would were suspected of having it.

The disease did not affect the amount of magnetite in the tisaue, the scientista said.

The researchers said they had dissected the tissue in a "clean for that damage.

a press conference at Caltech room" kept free of dust particlea, which are sometimes mag The scientists are not sure neile. Ceramic tools were used what function the magnets in the dissection to svoid conhave. But they say electromag- taminating the tissue with met--OAVIO L. WHEELES

Neuroscientists may have earth's could move the crystals. heimer's disease attaches to

In the May issue of The Jone nal of Neuroscience, Rachael ly's medical school, and p colleague at Bristol-Myers Squibb Phermaceutical Research Instilute report having found a The Callech aclentists say nerve-cell receptor for an abnormal protein fragment pro-

duced in Alzheimer's disease. In autopales of people with the disease, pathologists found the aberrant fragments, called beta amyloid, surrounded by dead neurons, or nerve cells.

The scientists who found the receptor speculate that a chemical used in normal brain processes usually attaches to the recomes part of a destructive disease process in those affileted with Alzheimer's.

The researchers are now trying to find out which cells in the brain have the receptor and to clone the gene for the receptor make it possible to design drugs to prevent the damage Alz-heimer's causes, although the acleotists are out sure yet that the receptor is the mechanism

American Academy of Arts and Sciences Elects Fellows and Foreign Members

criticism. Robin C. Duke, New York: public affair.

tobin C. Dutte, New York: peblic films and husiness administration. Frank H. Easlerbrook, U.S. Court of Ap-penis (Chicago): law. Mary H. Edmonds, U. of Pittsbursk moke-ular biology. Phosbe Elisworth, U. of Michigan: social robitions.

Allen Gineberg, New York: literature. Cleedle Dale Goldin, Harvard U.: econom

ica. Jerry P. Gollub, Haverford College: phys-

Physics.
Miohael Y. Heenen, Stanford U.: wikit-lations.

lations.
Conrad K. Harper, lawyer, New Yel. by.
Juris Hartmania, Comell U.: casisteits.
Richard J. Havel, U. of California Sas Franciaco: medicioe.
Timothy 8. Heaty, New York Public U-brary: educational and cientific stabili-

brary: Cuccations and trailor.
Wayne A. Hendrickson, Columbia U. se-lecular biology.
W. Osniel Hillis, Thinking Machine Con-pany (Cambridge, Mass.): engineries.
Melvin Hooheler, U. of Michigen: selbe-

matics.
Steves Holmes, U. of Chicago: policid
science.
Serah Biaffer Hedy, U. of California i Devis; evolutionary and onvironmental bis-

John R. Hulzanga, U. of Rochester chast-

istry. David L. Hall, Northwestern U.: philoso-

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cial relations. Thomas M. Jassail, Columbia U.: physici-

Thomas M. Jasaell, Columbia U. Paisco only and es perinental psychology. Alleas Jolly, Princeton U.: evolutionsy and environmental biology. Pater R. Kenn, The Wall Street Journal public affairs and business administra-

The American Academy of Arts Jamas a DaPrisal, Oregon Symphosy Ochestra (Portland, Orec.): Ber air.
Francia J. Diselvo, Ir., Cornel U. clean, and Sciences has announced the election of 205 new fellows and 40 Iry.
Avisash Disit, Princeton U.: economics.
David Donothe, U. of California et Brde-ley: mathematics.
David Dowty, Ohio State U.: philology and foreign honorary members. Following is a list of the fellows, their institutional affiliations, and the sections of the academy to which they have been elected.

Mary A. Alneworth, U. of Virginia: social imes C. Albrechi, Comell U.: chemis-Neel R. Amundson, U. of Houston: engi-Hens C. Andemen, Stanford U.: chemistry Julia Annes, U. of Arizona: philosophy nno

theology.
Jania Antonovice, Dake U.: evolutionary
and environmental biology.
Elliet Aromon, U. of California al Santa
Cruz: social relations.
Mishael Aschbacher, California Institute
of Technology: mathematics.

Brooks Antor, Vincent Astor Foundation (New York): public affinirs and business

administration.

Norman R. Augustine, Martin Mariette
Corporation tBethesda, Md.): public af-fairs and basiness administration.

David H. Auston, Columbio U.: engineering. Jahn W. Beldwie, Johns Hopkins U.: histo-

berg. III.: public affairs and bednessal-ministration. U. of Tean Southern David L. Garbern, U. of Tean Southern crim Medical Center at Dallac cellabrand developmental biology. Paul G. Gaseman, U. of Minestate ches-istry. William Gebes, Microsoft Corposition (Redmond, Wash.): engineering. Lee lite M. Gello, The New York Tiece public affairs and business administra-tion. June 11. Serger, Danis ropkins 0.: http:// ry and archaeology.

J. P. Berger, Dantech Corporation I Ber-lington, Mess.1: public affairs and busi-ness administration.

Buile A. Baylor, Stanford U.: physiology ond esperimentel psychology.

Loo Bannell, U. of Califorals at Berkeley:

Leo Bemeni, U. of Chilfornia al Berkeley: philology and critician. Frank Bidart, Weilceley College: literature. John H. Buggs, Teachers Insarance and An-nuity Association and College Retirement leastites Fund (New York; public affairs and beatness administration. Hamilt Birthousam, U. of Chilfornia at Los Associas, philology and criticism.

Jerry P. Golfus, Haverforo Congr. papies.
Andrew J. Ga odposter, Washington pulic affairs and business administration.
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Carol Gross, U. of W. Committed Gross, U. of W. Committed Gross, U. of W. Charles and Gross U. of W. Charles Gross, U. of W. of and archaeology.
Lee C, Beilinger, U. of Michigan: law.
George S. Boolos, Massnchusetty Institute
of Technology: philosophy and theology.
Henry R. Bourne, U. of Chiliornia at San
Espanica: molecules belonger

Henry R. Bourne, U. of Chilloraia at San Francisco: molecular biology. H. Kani Bowen, Messachesetts Institute of Technology: engineering. William F. Brinkmen, A.TAT. Hell Labura-tories (New Providence, N.J.E. physics. William A. Broch, III, U. of Wisconsin at Madison: economics. Richard A. Brody, Stanford U.: politicat science.

science.

Denald J. Brown, Stanford U.: economica.

Brues Busno da Mesquila, U. of Ruchester: political science.

Warms E. Buffett, Berkshire Hulloway
Inc. JOmaha): public affairs and business

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Dieso: social relations. T. J. Clark, U. of California at Berkeloy:

mai T. Clegg, U. of California at River-ic: evolutionary and environmental bi ology, Marchall H. Cohen, California Institute of Technology: astronomy and earth sci-

aces. athen R. Cole, Columbia U.: social re-W. Robert Conner, National Humanities Center: educational and scientific admin-

public aliasis and talentine.

John A. Ketzanellenbogae, U. of Hileds & Urbane-Champelan: chemistry.

Devid T. Kearne, U. S. Department of Education: public affairs and business admissions: public affairs and business admissions. John H. Canway, Princeton U.; methemet-Rether Mariey Conwell, Xerox Corporation (Webstor, N.Y.): coglectring. Lynn A. Osoper, Colambia U.; social rela-tions.

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Amalya L. Kearsa, U.S. Court of Appeals
(New York): law.

Edmund L. Keatey, Princeton U.: philohory Max Geoper, U. of Alebame at Birming-ham: medicine, Lawrence F. Dahl, U. of Wisconsin at Mad-ison; citemistry. and criticism.

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Patrick V. Kirch, U. of Califords at Berkeley: history and archaeolosy.
Ruth L. Birsobalein, National leatings of Health: educational and scientific again. ison: chemistry. Gary B. Beltympie, U.S. Geological Survey (Monio Park, Cal.): astronomy and

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John H. D'Arma, U. of Michigan: educa-tional and solentific scientials ratio.

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J Reference Company Institution archaeology.

Robert W. Galvin, Motorole Inc. (Schus-berg, III. t: public affairs and business ad-

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FELLOWSHIPS, REQUESTS FOR PROPOSALS

Annenberg Research Institute Post Doctoral Fellowships 1993/94 Application Deadline November 1, 1992

The Institute invites applications from scholars engaged in advanced research in Judaie and Near Eastern Studies, the letter including pre-Christian, Christian, and Islamie history and culture, from succent to

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What relationships exist between law and spirituality as aspects of a religious tradition? To what extent, and how, do these elements define the nature of religious civilizations? How do they determine the relationships within and among cultures, religions, and societies?

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Stipend amounts are based on a Pellow's academic standing and financial need, with a maximum of \$45,000 for the academic year. A contribution may also be made towards travel expenses.

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For application moterial and further information, write to:

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United States Agency for International Davelopment Indo-U.S. Science and Tachnology Fellowship Program

REQUEST FOR PROPOSALS FOR

Scientific/Collaborative Research Opportunities in India, 1993

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U.B. scientists will receive round-trip eir travol irore their home institu-tion to the research site in india, a soitting-in allowence upon their arrival, and a seenthly atthem throughout the period of their research. Research fellowskipe will be for a duration of 3-12 months.

Applications and proposals must be postmarked no later than August 15, 1092. For opplication and proposal guidalines, please contact:

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Earth and Sky Visions of the Coamon In Matthe American Folkione, edited by Moy A. Williamson and Claire R. Forer (University of New Mexico Press; 320 Aprel; 327.30 Licelades original copages; 327.30 Licelades original copages; 327.40 Licelades original control of the Comment of the Comment

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The Fox, The Ceptain's Doll, The Lady-bild, by D. H. Lawreace, edited by Dieter Mehl (Cambridge University Press; 356 pages; 589,591. Edition of three novelins by the English writer. The Home Plot: Women, Williag, and Domeatto Ritual, by Ann Romiacs Ulniversity of Massachusetts Press; 336 pages; 545 hardeover, \$15.95 pu-perbuck). Shows how the practice and traditions of housekeeping have influ-

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Ponistawska, Manuel Puia, and Mario Varaus Llova. Vital Olgan: Medical Realiam to Nias-taenth-Gaelury Ftetlen, by Lawrence Rothfield Princetoa University Press; 250 pages; \$27.50). Writers discussed include Balzue, Flaubert, Ellot. Zola. and Coann Doyle.

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Beliet and Massing: The Unity and Lo-cality of Maniel Conteal, by Akeel Hi-erami (Blackwell Publishers; 370 pases; 554,951. Defends a theory of in-testionality that is both Freezen and Kanton and the State of the Conteal Con-teal Conteal of Time, by Marin Heidez-ser, translated by William McNeill Hinckwell Publishers; 170 pases; 334/35 hardcaver, 514/35 paperhacht Translation of the Conteal Conteal Publishers of the German philosopher to the Marbura Theolosi-cal Society in 1924.

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1992-1993

The Social Science Research Council Committee on International Pure and Security announces a competition fur Visiling Scholer Moushlys. These three-month fellowships allow scholars, joursalkis, public servants, lawyers, and others to pursue research on homelive topics in international peace and security studies at wheeles and major research centers ontside their home regess in 1992-1993, Fellowships are offered to African, Eastern Empein, and Central European scholars and researchers who sensident in the countries of these regions.

Monthlys encourage Junior scholars and others who can demmetrate comparable research experience to expand their peraciption in research and discussions on the security Implications of writwide cultural, military, social, econumic, environmental adpolitical changes. The competition is designed for scholars in befirst seven years of their postdoctural careers and other eligible applicants at an equivalent stage. The competition gives strong profity to those who have not previously had the uppartually to study outside their home regions.

fellowships will cover round frip economy airfare, institutional les, and a modest stipend. Fellowship awards will not exceed \$,000. For application materials and additional information conbut The Program on International Peace and Security, SSRC, 65 Third Avenue, New York, NY 10158 USA. (212) 661-0280. FAX: (212) 370-7896. Deadline for applications: September 15, 1992.

REMINDER

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ers how psychotherapy can promote that quality in an individual.

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If scademic administratoro reserious about wanting to holt be apparently aleady decline of body teaching loads, they moy have to pay more attention to what's going oo in the clearcor. That is one interpretation of the egenence of two researchers, witten F. Massy and Robert Zusky, in a continuing study of

epartmental activities at four prizte liberal arts colleges and two A few years ago, Mr. Massy and hr. Zemsky-directors, aspectively, of the Stanford Insignte for Higher Education Research and the Institute for French on Higher Education at the Unrestly of Pennsylvania

wined the phrase "academic nicher" to explain why faculty devotion to undergraduate insection seemed to be dropping m many campuses. They theorized that faculty members expect

micm treatment in the setting of sedicads: When a few professors gin more time for research or other as intentional activities, there lerelops "an irresistible pressure to burr the average lond." heed, early findings from the

self indicate that faculty members greatly prefer small classes to big on But the study of 121 enters also suggests that atheral classes if they sense that summe is keeping an eye on size. The catch is, no one may be withing. Discussing the study of n

dans at the elv institutions were looking less closely at class size and leading loads. What is occurring. uid Mr. Zemsky, is on "inherent Gregolation" that makes it difficult Musily spend their time. "The departments didn't even meet to iscuss who taught what," Mr. Zensky told the seminar.

A new academic headbenting firm figures that retired college presidents know best

That's why the firm, Walt Montgomery Academic Search Consultants International, has lired some two dozen former presidents and deans as consultants o colleges searching for top

Mr. Montgomery, chairman of the Huatington, Teon., firm, has been in the executive-search usiness for the agriculture industry for more than 20 years, and has always relied on the expertise of relired executives. He's convinced tentral executives. He's convinced higher education can use a head buster with his kind of philosophy. "This utilization of retired people has been very successful for us,"

Among the retired presidents who have signed on: William Lavery of Virginia Polytechnic Institute of Vaganta Polytecame Institute State University, Wayne Reitz of the University of Plorida, and Orville G. Bentley of the University of Ulivate

Personal & Professional

Professor Did Not Adequately Attribute Material in Book, History Group Says

Association stops short of a finding of plagiarism

By DENISE K. MAGNER

WASHINGTON In an eagerly awaited action, the American Historical Association has found that Stephen B. Oates failed to adequately attribute material he used in his highly papu-

lar biography of Abraham Lincoln. Mr. Oales, a professor of history at the University of Massachusetts at Amhersi, has strongly denied allegations of plagiariam surrounding his 1977 book With Mniice Toward None: The Life of Abroham Lincoln. The book is considered the standerd one-volume biography of Lincoln.

Mr. Oates anid the AHA decision "was not a censure of any kind." His critics disngreed with that assessment.

After a months-long inquiry, the AHA last week mailed a two-page statement of its finding to Mr. Oates and to five academics who had lodged complaints with the ussociation accusing him of plagiarism.

'Appropriate Acknowledgment'

The association made no formal finding of plugiarism, but concluded: "Stephen Ontes's account of Lincoln's early years in With Malice Toward None is derivative to a degree requiring greater acknowledgment of Benjamin Thomas's earlier biography of Lincoln."

The statement continued: "The Associntion recognizes Mr. Oates's uriginal con-

written by Mr. Oatea in his defense.

Thomas: "Spanish moss festooned the

Thomas: "Party lines had become

more definite now, and the Whig and

Democratic organizations were begin-

Thomas: "In December a raging bliz-

zard set in. For days it showed no letup,

until snow piled three feet deep on the

level, with heavy drifts. Then came

rain, which froze, More snow, When

the weather cleared at last, a lashing

northwest wind drove the sharp crys-

tals across the prairie in blinding, chok-

Thomas: "He learned the elements of

handling men. . . . William H. Hern-

don, his law partner of later years, be-

lieved he was rather proud of it after

what they are as plagiarism.

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Passages Cited by Critics of Lincoln Biographer

In reviewing allegations of plagiarism lodged against Stephen B. Oates, the Ameri-

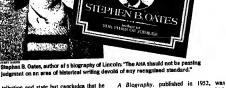
In reviewing nucentions in pregnition reages against dependent. Section in Control of Mistorical Association considered 258 pages of documents presented by five ucudernics. They necused Mr. Oates of plagiarizing language and information from

Benjamin Thomas's 1952 hiography Abraham Lincoln for his 1977 back With Malice

Mr. Oates wrote n public rebuttal accusing his critics of editing passages to

mr. Outca wrote a public reduttal accusing ms critics of editing passages to "create the appearance of plagiarism." He said both backs draw on a "comman body of knowledge about Lincoln." The association reviewed 62 pages of material

Following are several passages presented by critics of Mr. Oates as examples of



tribution and style but cancludes that he failed to give Mr. Thomas sufficient attribution for the material he used."

Scholars need to attribute their sources in scholarly writing and in papular books. the AHA statement said. It "strongly" recommended that "any future editiana of Mr. Oates's With Malice Toward None include appropriate acknowledgment of Mr. Thomas's Abraham Lincoln.

Mr. Thomas's book, Abraham Lincoln:

Oates: ". . . the Irees were featoaned

Oates: "By naw party lines had solid-

and Whig organizations had begun to

Oates: "Then in December a blizzard

came raging across the prairie, piling

snow high against the Lincoln cabin. Then il rained, a freezing downpour

that covered the snow with a layer of

the northwest, driving snow and ice over the land in blinding swiris."

Oates: "Lincoln's frieads thought he

was actually rather proud of his serv-

ice-after all, it had given him his

first experience in leading and bandling

ice. Now a wind came screeming out of

... In Illinois, Democratic

with Spanish moss."

form. . .

viewed as the standard lext on the 16th president until Mr. Oates's book appeared. (Mr. Thomas died in 1956.)

Mr. Oates issued a statement saying he was "delighted" that the group had made na finding of plagiarism, but "disappointed" that it "then rendered a 'finding' on an altogether different matter: what constitutes 'appropriate attribution of sources' in

a work aimed a generol audience."
"There are no guidelines for what is sufficient acknowledgment of sources in popular biographies and histories," he said in his statement. "Thousands of such works, including a great many on Lincoln, have been published with no footnotes and no bibliographies at all. In my view, the AHA shauld not be passing judgment on an area of historical writing devoid of any recognized standard."

Critics of Mr. Oales offered a different interpretation of the AHA's decision. "I'm pleased that the AHA has seen fit to rebuke Professor Ontes," said Michael Burlingame, an associate professor of history at Connecticut College and one of those who had accused Mr. Ontes of plagiariam.

He and some other academics, however, accused the AHA of wallling and avoiding what many of them called "the P-word." They suggested that the association had steered clear of a formal charge of plagiarism for fear that Mr. Oates would follow through on his previous thrents to aue the association and his accusers.

"I'm a little puzzled that plagiarism is not the specific judgment that they reach, even though it seems to be the spirit of their conclusion," said Cullom Davis, a professor of history at Sangamon State University and another of the five who complained to the AHA.

Divisive Battle

The controversy illustrates the growing debate-some would say confusion-over what constitutes plagiarism and how to deal with it. It has been an especially divisive battle, with Mr. Oates accusing the Continued on Following Poge

Personal & Profession

History Group Says Professor Gave Inadequate Credit

Continued From Preceding Page
AlfA of conducting it "witch hunt" and calling his accusers "sleazy." A panel of some of the nation's best-known Lincoln scholars exoncrated him in a public statement, but several later withdrew their names from it. Other professors blasted the Lincoln scholars for jumping the gun and accused them of trying to make the five "whistle hluwers" look foolish

Additional Complaints Filed

It all began in 1990, when Robert crature at Illinois Weslevan University, presented a paper at a history symposium that made the first ullegations of plagiarism against Mr. Oates. Mr. Bray wrote that Mr. Oates "has freely used Thomas ns's information, his language and even his nurrative structure at many points in With Mulice To-

Mr. Bray said in un interview that he had "tsken a int of heat" for making the charges, but now felt vinilicated. "The central claim ul my cssiy was that Oates's freatment of Lincoln's enrly life was in fact derivative from Thomas," he Said. "It sounds as if the ATTA and I conclusion, although they call it something else.

After Mr. Bray's paper was submitted to the AHA, additional complaints were filed. Mr. Oates was also accused of plagiariam in the vriting of his biographics of the Rev. Martin Luther King, Jr., and William Faulkner, Besides Mr. Bray, Mr. Davis, and Mr. Burlingame, the other complainants were Laurin A. Wollnn, Jr., sssocinte professor of criminology at Florida State University, and Alexander P. classics at the University of Illinois

The associotion did not reach

College said last week that he century U.S. political history and might refile his complaint and ask the AHA in review further the alle- deputy director of the AHA, said the gations about the Faulkner and King books

Mr. Ontes, whu has described his critics as "academicians with Supporters Spenk Out axes to grind," uccused Mr. Burenmpaign of assault on my integrity." Last year Mr. Oates prepared to several dozen Lincoln scholara across the country. In it, he argued that a "comman body of knowlbook und the Thomas book drew on that pool of information, he

Because he is not a member of the AJIA, Mr. Oates has also question, in its two-page finding, defended its authority to conduct the inquiry, snying it felt compelled to review the cuse because "stnniturds of professional conduct are essential to the health of the disci-

The association's Stutement of Standards of Professional Conduct defines plaginrism us the "exproprintion of another author's findings, interpretation, or text, presented thereafter as one a own creotion without proper attribution to its actual source."

The association historically has not publicly released its findings on had not proved her charge that O. plagiarism complaints, and officials would not comment on Mr. Ontes's case.

3 'Recagnized Experts'

A copy of the AHA docoment obtained by The Chronicle said the association's governing council, in reaching its decision, had been advised by three "recognized experts" who reviewed the books and the allegations. It did not name any finding on the other two books. the scholars, but called them ex-

Mr. Burlinganie of Connecticut perts "on Lincoln and mid-19thbiography." James B. Gardner, three had worked on condition of

Criticized by some scholars, Mr. Oates has been supported by others. In November a group of administrators and professors at the a lengthy rebuttal and circulated it. University of Massachusetts at Amherat announced it had reviewed the allegations and found them groundless, Said Robert E. edge" exists about Lincoln that is Jones, chairman of the history de-"in the public domain." Both his partment: "There are only so many ways you can talk about Lincoln's

early life without saying something that has been said before: How many ways can you say that Abe Lincoln was born in a log cabin in Kentucky?"

In April 1991, 23 Lincoln scholars and Civil War historians issued a joint statement on Mr. Outes's behalf. "We find no evidence of on Lincoln. the appropriation of either the idens or the lunguage of other scholars without uttribution—the

only legitimate test of plagiarism," Since then, several of the signers have backed off. C. Vann Woodward, an emeritus professor of history at Yale University, initially signed it. But after receiving addilional evidence, he said, he notified the AHA that the allegations merited on inquiry. He said the allegn- said.

tions involving Mr. Oates's book on King and Faulkner were why "convinced me this needed to be

Mr. Woodward called the churges "seriaus" and said they might lead some academics to teconsider using Mr. Oates's box

Other signers have continued to support Mr. Oates. One of them is David Herbert Donald, an ementus professor of American histor at Harvard University. In defending Mr. Oates, Mr. Donald said br was "troubled" by the anonymit of the three scholars who had as sisted in the AHA review. "These people may be highly reputable as indeed great world authorities, but we have no way of knowing," he

FACULTY NOTES

they said.

Professor accused of harassment to be allowed to teach again

■ 2 officials ordered to pay profeasor who was danied tenure

■ 17 professors file class-action lawsuit over salary levals

A professor at the University the experience of being falsely ac- have been discriminated of Washington who was sunpended from teaching after being accused of sexual harassment will be permitted to retura

The university's president, William P. Gerberding, decided last month that he would accept an earlier finding by a faculty committee that a former student, Teri A. Ard, Oraham Allan, a professor of forestry, had sexually harassed her (The Chronicle, October 31, 1991)

Ms. Ard had accused Mr. Allan in March 1989; he flatly denied the charges. A series of actions and reviews ensoed. In May 1989 David B. Thorud, the forestry dean, suapended Mr. Allan without pay and then fired him when the campus homan-rights office found that the

atodent's charges had merit. Mr. Allan appealed to the Facul-Adjodication Committee, which ruled unanimously that Ms. Ard had not proved her charges. Mr. Thorud, the forestry dean, appealed to Mr. Gerberding to uphold hia firing of Mr. Allan. The presideni first accepted the faculty committee's finding but then asked that the case be reopened after fresh misconduct allegations were made against Mr. Allan. Later those charges also were diamissed, and

the forestry dean again appealed. Mr. Gerberding ruled last month that he did not have grounds to overturn the faculty committee's ruling. Washington's faculty code provides that the president may overtum soch a decision only if he finds it was arbitrary, unsupported by evidence, or the result of improper procedures. Mr. Gerberd-

ing said the matter was now closed. The convoluted case has led to other legal actions. In June 1991 the oniversity resched a financial settlement with Ms. Ard for \$125,-000 plos lawyers' fees. She had laimed in a Inwault that university officials knew of, but did not atop, the nileged harassment even before

ahe had complained formally.

Mr. Allan, meanwhile, will retorn to teaching in the fall. He said that fighting to clear his same had cost him his life savings, and that

cused had made him uncertain about his role as a teacher for which he previously had received recognition at the university. He said he would take steps to protect a two-tier salnry system is which himself against any further accusn-faculty members hired since 1986 tions. "I certainly will not be nsking any students into my office to serving prufessors. They six discuss lessons," he said.

-PETER MONAGHAN

The former president of Tarleton State University and a current vice-president have been ordered to pay \$155,600 to a former professor who aued the institution after he was denied tenure.

A state district-court jury decided that former president Burry B. Thompson had acted without o 'rationnl academic basis" when he denied tenure to Randy E. Rosiere in 1988. The jury nlso foond that Mr. Thompson and Johnny John son, vice-president for stodent services, had acted with molice.

Mr. Rosiere claimed in his law suit that Mr. Thompson ond Mr. Johnson had retaliated against him because he had criticized oniversity plans to sell a ranch. He said he apparently annoyed Mr. Johnson by criticizing the plan in a forcefol voice during a Futore Farmers of America contest.

Mr. Rosiere was denied tenure following that incident, despite the strong endorsements of each committee that reviewed his tenore credentials. Mr. Rosiere, who was an assistant professor of range management at the time, has since left the university and is unemployed.

Mr. Thompson, now the president of West Texas State University, said he was "disappointed" by the decision, but could not comment further. Mr. Johnson did not return telephone calls to his office. -KATHERINE S. MANGAN

Seventeen professors at Metropolitan State College have filed a class-setion lawsuit against the institution and the Colorado Commission on Higher Education, claiming that they against in the institution's sale-

In their lawsuit, the professor claim that the structure has created are paid much more than how. claim that less-experienced ander sors are paid comparably to their peers at other institutions but the onger-serving professors are not

That disparity breaches the college's bylows and the trusters published guarantee of equity between Metropolitan Statesadcomparable colleges, the professor charge. They sny adm ure to blume because they failed it obtuin sofficient financial resources from the state to meet their

The college hna not yet responded to the Inwsoit.

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educational programs and services at Puebla Community College will soon be available to courge with suom me available erryone in the local community over an electronic

The Educational Access Network, as it is called, will provide computers and moderns for public use in schools, libraries, shopping mails, and many local business ses. People will be able to rend the ete college catalogue or find out which courses will be offered in the next semester. They will be abl to see deadlines for financial-aid solications or procedures for etaining a General Educational ant certificate. The sistem will allow users to print the mation and take it with them. The first section of the network, which will link the college to the schools and libraries, should be apleted in about two months, with fer, says Gary Franchi, the college's marke the network will he extended houghout the college's eightity service area.

The network will never be dest," says Mr. Franchi. "The lation could go on forever.

Anengineering professor at Peasylvania State University Issuncluded that reflection an tomputer screen may interfere with the work a person is doing, wa though the user may not be aware of the reflection.

Craig A. Bernecker, un ussistant infessor of architectural ngineering, compared the formance of people checking numbers on consputer screens. They all compared to sets of numbers on screens containing light packes of different intensity.

"The errors made by the subjects te almost always in the upon where the patch of light falls," he says.

la a nod to early 20th-century information technology, the American Society of Mechanical Engineers has designated the Q-R-S rking machine, a device used to make master rolls for player pianos. as n national historic mechanical-

ngineering landmark.
The Q-R-s machine was invented in 1912. Although other recording devices for making piano rulls were developed at about the same time. the Q-R-3 in the only example of the type still in existence, according to The q-R-s relies on compressed

tir to record mosic. Each of the 88 keys is connected pneumatically to s stylus, which is suspended above a roll of paper at the point where the paper passes over a carbon cylinder When a musician hits a key, the air decompresses and the stylus makes a mark on the paper. The marks are ept out to make a master roll.

The machine awarded londmark status belongs to Q-n-s Monic Rolls lac., a manufacturer of player-plane rolls located in Boffelo, N.Y. **Information Technology**

Chemistry Professors Try Technology to Lure Students Into Advanced Study

Boston College uses electronic classrooms and computer-controlled instruments



David L. McFaddan, lisaed of the chamistry department at Boston College; "Frashman shouldn't have to write data and plot graphs by hand when a computer can do it by pushing a button.

By BEVERLY T. WATKINS

The chemistry faculty ut Boston College has torned to technology in an effort to lure more undergradootes into advanced

In the past, graduate students and postdoctoral fellows have osed compotera to help collect and analyze their data, but undergraduates have alwoys taken notes on their experiments and made calculations

by hand. Since last fall, however, faculty members have taught introductory chemistry courses in electronic classrooms. Students have osed computer-controlled instruments in the chemistry laba and simulated dangeroos chemical reactions with interactive videodisks in a computer-instruction

Exciting the 'Media Generation'

The chemistry faculty decided that aludents who were excited about chemistry woold be more likely to pursue careers in research, says David L. McFadden, chai man of the department. The way to excite the "media generation" was to integrate technology into the curriculum, he and his colleagues decided,

"In chemistry, all the more sophisticoted instruments are controlled by comput-

er. When our graduate students hook up a computer to their projects, which they do for their theses, they really like it," he says. "Freshmen shouldn't hove to write data and plot graphs by hand when a compoter can do it by pushing a botton. And

you get a nice display."

Mr. McFadden adds: "The technology doesn't take anything away from learning the chemistry."

However, incorporating technology into the chemistry program has been more complex than some faculty members ex-

There was not enough time to think about how to integrate computers into courses," saya Dennia Sardella, director of undergraduate studies. "And there was no good software for difficult topica, such as chemical structore."

The greatest surprise, perhaps, was the

"There was not enough time to think about how to integrate

computers into courses. And there was no good software

for difficult topics, such as chemical structure."

stodents' response. "The stodents had to be lired or driven to the computer lab," Mr. Sardella aays. "Technology has a lot of potential, but

we decided to just call this first year an experiment," he soya.

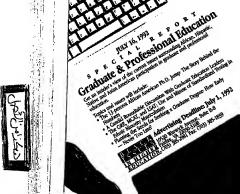
Mr. McFadden remains optimistic that the new approach will increase interest in advanced chemistry. He points to this

year's revivol of the department's chemistry club as evidence. "We revitolized our chemistry club, which has been dormant for years," he soys. "We've had meetings with 25 and 30 young people there. I think they have a feeling of identifying with the depart-

\$31-Million Center

The chemistry deportment decided to compoterize about five years ago, when Boston College agreed to boild n \$31-million chemiatry center to hoose the graduate and undergradoate programs. The deportment's 18 facolty members, who helped design the facility, concluded then that todny'a undergradontca must be taught the same compoter-bosed techniques that ore used in advonced research in academe, indostry, and government.

"It was clear that compoters are part of Continued on Following Page



Using Technology to Lure Students Into Chemistry

Continued From Preveding Page the future to teaching chemistry, Mr. McFailden says.

Buston College's chemistry program has about 950 undergraduates. Most are taking the subject to satisfy general-education requirements or prerequisites for majors in such fields as biology, nursing, and pre-med. About 415 of the undergraduntes are freshmen. Fewer than 20 of those are chemistry ma-

Computer-Based Experiments

In the new chemistry center, freshmen take their lish courses in a facility equipped with Itl Apple Macintosh machines. Students conduct their experiments at special henches with justruments connected to compilters. The computers unalyze data and display them un a screen.

This year students performed just two computer-based experinents, one to find the temperature of a solution and the other to determine the degree of acidity or ulkalinity. Lynne O'Connell, director of undergroduate laboratories, says a third experiment-for amount of light absorptionshould be ready sometime next

For the temperature experiment, Ma. O'Connell explains, students leased when on acid is neutralized with a base. Students have two acid and one base. They put a temto a computer, into one cup and

Ethnicity

VIDEOS

line that moves from the lower lefthand corner to the upper rightliand corner.

dents measure the change in pH as norts. an acid is neutralized with a base. Again, the reaction annears as a graph on the computer screen.

Before we had the generalchemistry lab, students would take their duta, go home to do their calculations, and plot graphs on paper to come to some conclusions, says Robert F. O'Malley a professor emeritus who teaches a course called Chemistry in Society. "Now, they can put dota in the computer and the computer sloes the colculations before they leave. 'The atudents like that," he

each other on a network and to two 25-inch wall-mounted video monitors. The network lets professor perform a demonstration at one lab beach and display the experiment on the monitor for the entire class

'A Lasting Impression'

A computer-instruction laboralory equipped with 16 is a personal computers and six Macs introduces students to chemical reactions they would not otherwise see. Using interactive videodisks, sludenta can simulate experiments that are either too hazardous or loo expensive to undertake in the chemiatry lab.

For example, says Evan R. Kantrowitz, a biochemistry profesmeasure the amount of heat re- aor, atudents may choose different elements and see what happens when they are combined. "With cups with different solutions-one some elements, when you mix A with B, you get an explosion," he perature probe, attached by cable says. "Sodium in water burns and may explode, depending on the pour in the solution from the other size of the plece. Students see cup. The reaction appears on the things you can just tell them about

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computer screen as a graph, with a in class but can't demonstrate. That leaves a lasting impression.

Faculty members are also using Using a similar procedure, stu-dents how to write professional re-

> "Students work in the general chemistry Inb." Mr. McFadden says. "Then they go to the computer lab, where they use word pro cessors to write reports with graphs. They are learning to do the professional reports they will need

Advanced Graphics Program

The chemistry faculty deliberately nut a Macintosh equipped with an advanced graphics program in the instruction lab. The visuslization program is designed for resesrchers who want to create molecules and see what they look like before msking them in the lab-

"Although this is a research-levcl program," says Mr. Sardella, "we put it in the same room with the undergraduate programs ao students will see the more elabo rnte material that is available to

While this year was "s learning year," professors predict that next year will be "a shake-out and renement year," as one of them puts it.

Only about balf the faculty members have experimented with computers, Mr. Kantrowitz anys. "Faculty are on their own as to how to design their courses. It is up to them if they want to use comput ers. Some people have taught cerlain courses certain ways, and they think that is the best way."

He continues: "We have to learn by using technology what parts are good for us and what parts aren't. This year, when we assigned students to do lessons in the instruction lab, we found that the first five lessons took one hour snd the second five took three hours. We had to learn how much time each lesson took. Now we know.

Extra Points for Lab Work

When students refused to use the omputer-instruction laborstory, culty members tried bribes.

"For a while we told students If you complete all the lessons ou will get two extra points. Medical students are exquisitely sensitive to that," Mr. Sardella says, "But we decided that was not the beat way to get them into the lab, so we stopped. Use of the lab dropped off."

Udayan Mohanty, an associate professor of theoretics! chemistry, speculates that aludenta need additional incentives. "Students look on the computer ss a help, not as port of the elsss," he says. "It has to be integrated into the curriculum, and a course has to be upped from three to four credits. Students think the computer lab is too much work unless they get more credit

Actually, says Mr. Mohanty, he isn't aure how much time studenta should spend with computers.

There has to be a balance beeen computers and real experience in the lab and the lectures," he says. "Students' feeling for numbers and for chemistry is very small, so they need lots of handson training. Computers csn't do Information Technolog

The Learning Society: All Chalk—No Action

By Bernard R. Gifford, Ph.D. Apple Computer, Inc.

it's lunny how a piece of historical trivia can snark dialogue about serious subjects. For example, the blackboard was first used

hy a teacher in 1823 at Bowdoin College in Maine. Fifteen years ago, Arthur Levine slipped this fact into his Handbook on Undergraduate Currivulum. Ernest Boyer was abviously taken with this bit of lore: He cited Levine's claim in his 1987 book, College: The Undergraduate Experience in America. Boyer calls the Introduction of the blackboard a "sign of the times"—and not a good sign, at that—associated with enlarged college classes, the rise of the lecture course, and the lecline of oral recitation and disputation as the central strategies for

More recently, Peter D. Relic, president of the National Association of Independent Schools, reported this famous "first" once again, citing both Boyer and Levine. He used it to begin a commentary in Education Week (October 2, 1991) titled 'Back to the Illackboard.'

The first screeching of chalk on an oversized slate board was a truly historic moment, Relic suggests, because, "In the 1991 version of the American education revolution, a true test of success will be how well teachers learn to use the blackboard, whatever its color."

I've read many attacks on educational technology, but Relic's is unique. He never mentions the computer, instead, he elevates the blackboard to an oddly lofty status.

The teacher who writes on the board is thinking about communicating with children,* lie tells us. Well, maybe she is, and suspeshe isn't. Just as the teacher who uses the computer may or may not be racking her brains about how to get through to disengaged youngsters.

Relic is right when he says that creative, confident teachers, well

schooled in content areas as well as pedagogy, are the key to better education. He's right when he says (quoting Ed Meadet that technology is most useful as a resource in teachers. But he's dead wrong when he argues that the blackboard-a relic of the early nineteenth century-is the tool of choice for preparing students for the twenty-first century.

Of course a great teacher can do great things with a piece of chalk. But in most cases, chalkboard notations have to be simed at the "avenue student. Students who work more slowly, and those who are less visal, may still be struggling to make sense of those notes as they are erased to make way for new material. Meanwhile, those who work faster are dooling

And all the chalk in the world won't help a teacher animate a biochemical reaction, or re-create the multisensory experience of a situal gift exchange in New Guinea. In these contexts, the blackboard is all chalk,

My point is not to crase the blackboard from American education.

Centainly it has its place. Rather, I want to send this message: As we debate the value of computers in the classnown, let's not get polarized. No educational technologist will deny that creative, well-prepared teachers are the key to more effective instruction.

But we must be realistic about the setting in which most teachers now work. As hudgets are slasticed at every level, from primary to graduate schools, classes are growing and workloads are becoming impossible. Teachers everywhere are more eager than ever to make the best possible use of their time, and to use every available resource to meet their students' needs.

The multimedia programs now available are wonderful resources for teachers. Here's a case in point: Dr. C. Carl Jaffe, a professor of diagnostic radiology at Yale University's medical school, was frustrated about the amount of time he was spending teaching each new resident how to interpret ultrasound images of ailing hearts.

My time was very inefficiently used because I repeated myself every month," Dr. Jaffe complained

So he worked with a Yale programmer to create a multimedia plication for the Apple Macintosh computer. New residents now work independently at the computer, at their own convenience. They click the computer's mouse to select a particular diagnosis and see a video clip showing how the heart of a person with that disease would appear on the ultrasound machine. By clicking a stethoscope aymbol on the computer display, residents can also hear the recorded heartbeat associated with that particular condition. Then, a test built into the application asks residents to make diagnoses based on unklentified video clips.

"Now, when new residents arrive," says Dr. Jaffe, "I tell them to use

the computer program and come back to me when they talk my language Very soon, new learning systems will cnahle students to work at their own pace and get feedback exactly when they need it. Thanks to advances in making digitized video available on networks, a student trying to work out a genetics problem will be able to summon immediate help in the form of a brief video presentation. I call this "just-in-time coaching." And in some cases, that two or three minutes of on-screen coaching may very well feature a great teacher going through the problem at-you guessed it-a blackboard!

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the following list of computer alware has been compiled from information provided by the pubinternation province by the pub-lears or by companies marketing the programs. Prices are subject to these without notice. For inforusion shoul specific applications and hardware requirements, conat the companies directly.

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Intellectual Isolation; Bush's Presidency; a Writer's Chief Enemy; Neglected Youth

At The DECADES of rapid exponsion, universities find themselves with educational and research programs that have grown by accretion, almost always overreaching available resources. Now, when difficult choices and priming of programs are necessary, the collegial community of scholars finds itself in disarray largely because of the growth and specialization of scholarship and the competitive funding system. The excessive senaration of disciplines has been stabilized and perpetuated by external professional societies. Teaching has been devalued in comparisnu to research, further dividing the

Thus, educational and finnacial decisions are being made with ever increasing difficulty in more of an intersorial than a collegial framework.

We hear much these days of how ideas of political correctuess distort debates on campus and threaten the heart of the university. . . . Issues such as political correctuess seem to me much less threatening to the future of the university than the intellectual isolation of its scholars, the separation of the bumunities from the sciences, and even uf one science from another. Add to these concerns tensions between graduate and undergraduate education, as well as between scholarly isolation and responsiveness to the external community and one has the busis of a fundamental challenge to the modern university.

-Somuel O. Thier, president of Brandeis University. in his haugural oddress

 $B^{\mbox{\tiny USH}}\dots$ committed his presidency to a method of seeking legislation that disdains public debate over important policy ends, relying instead on private meetings aimed at producing n Waahington consensus. One problem with this method of governing is that, in the absoace of a clearly defined public position, presidencies tend to resort to strategies of finesso that seldom lead to satisfying results, whether for the president, the political "process," or the na-

The most Important domostic polley issue ficing the country remains: How much taxatios and how much government do we as a people really want? And, reintedly, which government policies best contribute to cconon growth? . . . The nation could use the lcadership of a president who does not scorn politica in the best sense of that word but is willing to fully use the office he holds by framing rational terms of

-Terry Eastland, resident fellow at the Ethics and Public Policy Center. ha the spring issue of Policy Review

ONE of the hardest lessona for graduate students in creative writing is to learn that their chief enemy, their chief obstacle, their chief problem, is themselves. Asked for advice by someone who described himself as "a struggling writer." Isaac Bashevis Singer packed his response into Iwo trenchani

words: "Stop struggling." Learning how to work from within yourself, with out wurrying about what you will encounter, is painfully difficult. It is also crucialty important.

The difficulty can, I think, he summed up in one word: fest. Writers who have not yet found themselves, found their voices, found their subjects and their true stances, are usually writers who are afraid of what they will find. There is thus a special kind of vulnerahility to the writer, as of course there is to all artists. In order tu be open to themselves, is urder nut to be afraid of whatever holls and hubbles up from within, they have to keep themselves nware of and accessible to every kind of thought and emotion. To block anything may be to block everything, so it all has to be allowed.

This is easy enough to say, but listd, and usually prinfid, to accomplish. No one can do it all the time; only the strongest can keep it up through all the lung years uf a full artistic life.

-Burtua Raifei, professor of humanities at the University of Southwestern Lonisiana, in Artists All: Creativity, the University, and the World. published by the Pennsylvaniu State University Press

Wie TALK TOO MUCH these days about youth being our nation's future, und about the tragic and eostly consequences, both social and econom ic, if we do not nurture, train, and teach

But it's one thing to talk about these issues in the abstract, another to commit ourselves to sustained efforts to help the young black woman with no formal skills languishing in a group home because her family has disappeared into the nightmare world of rock cocaine, or the poor-white kid who has been brought to the Hall [a public juve nile facility] after poaching his brain with gasoline fumes and who is desperalely afraid he won't be able to handle his drug problem by himself on the

That we do not seriously address these needs reflects, in part, the dismally predictable fiscal starvation of public agencies in general and youth services in particular. But beyond that, the systematic neglect of the kids inside betrays our pervasive belief that most of them are undescrying or expendable or

"They can keep getting you in here where they don't have to deal with you," Nick says, and he cannot be altogether wrong. There is a part of our national psyche that would rather put a boy in prison for not going to school than make a serious effort to teach him -Elliott Currie.

research associate of the Institute for the Study of Social Change and lecturer in the legoi-studie: program at the University of Colifornio of Berkeley. in Dope and Trouble: Portraits of Delinquont Youth, published by Pontheon Books

Scholarly Articles Should Be Treated as Valuable Property

Continued From Preceding Page and disagreements about fuir use that sometimes are resolved unly in court, everyone in higher education must understand how these commercial arrangements work and how they might be changed to strengthen scholarly communi-

Universities and government agencies that support university research psy investigators to create new knowledge. The resulting intellectual property that takes the form of new products is patented by universities. Universities regard their ownership rights in those patents as essential to assuring that benefits of the new knuwledge are returned to the public. to the researcher, and to the university it-

Most of the rest of the intellectual property that researchers "creute" at universities can be convrighted by the institutions as work done for hire, but this is rarely done. Explicitly or implicitly, universities allow researchers to make any use they wish of their work. Scholars routinely use that freedom to give their copyrights large profits, expand existing journal take over the publication of not-for-profe journals, and create new publication These publishers have established near monopolies on publications is some disc plines.

The result for academic libraries in the United States has been years of double digit cost increases for a small number of high-prestige journuls. Those subscriptions now eat up a large part of libraries' budgets, eroding spending far ather parts of libraries' collections and far other serv ices, such as helping students and faculty members to use electronic information fully and effectively. The power of some publishers to skew library spending threatens the entire system of scholarly comme

Whut changes might be made to protect scholarly communication? Some expens believe that research universities should de-emphasize the "quantity" of a scholar's publications when they award tenur or promotions. But a more powerful response lies in the commercial realer. The commercial value of copyrights must be recugnized und managed as a university resource. Universities cun manage conrights so as to change marketplace condtions that are unfavorable to scholar communication.

Those who control copyrights control scholarly communication, as the English



to journal publishers. Rescarehers disregard the economic value of their articles in return for the freedom to place them in the most prestigious journals possible. (They rarely do this with book copyrights because they see more clearly how they can benefit financially from their

TOURNAL PUBLISHERS WANT the copyrights of articles they publish, because Copyrights result in royalty income. Legal restrictions on reproducing copyrighted material also help insure subscription income. The royalty and subscription in-come pays for editorial costs, production and distribution costs, and capital costs, including the expense of publishing commercially unsuccessful titles.

University libraries are a principal source of subscription income for scholarly publishers. It is ironic that by subscribing to journals, libraries in effect buy back the scholarship that university faculty members have created and given away. Because publishers hold the copyrights of the material that libraries need, libraries have little choice except to pay rapidly rising subscription prices or not subscribe at

A number of factors account for the steep price increases in receat years, including the long-term fall in the value of the dollar against foreign currencies; higher per-issue costs resulting from greater specialization and shorter press runs; and increased scholarly output, requiring larger issues of journals than in the past. Further, studies have shown that a handful of European, for-profit publishers have charged extraordinarily high prices to geacrate

professor who "unpublished" his article discuvered to his chaprin. We propose the universities retain part of that control. Under our proposal, university administrators and faculty members would agree the journal articles are work done for hire, a they already have done for work resulting in patents. Faculty members would confin ue to give the copyrights of their articles it any journal publisher they wished. But there would be one change in existing prictice: When the author and the univer agreed to give the copyright to the publisher, they would explicitly give non-profit organizations the right to copy the articles in response to specific requests for them. Faculty members would not transfer the copyrights of articles written as work for tire to any publisher unwilling to accept

We anticipate the following results if our proposal were adopted:

■ Copyright restrictions would no long er apply to non-profit libraries that wanted to reproduce university-generated scholarship. Universities would retain the one ownership right-that of copyingmakes it possible to use material held by other libraries. Beaides saving professor and students from paying royalty fees, this plan might allow some libraries to drop their subscriptions to infrequently used iournals.

 Journal publishers would as longer be selling subscriptions to a captive market. The market for journals thus would be competitive, with prices more dependeat on factors that actually enhance. scholarly communication, such as the quality of the rescarch available in partical lar journala. In a more competitive market, e prices for some journals might de-

OPINION

OPINION

Subscription costs for some jouroh would increase, because fewer librarand subscribe to them. Some libraries ad he able to depend instead on interlicay loans to abtain journals. The prend shift in prices—with some rising and decreasing—would reflect u rationzation of the market place.

Some material may not get published entable, evca a welcome, result if no alle market exists for the work.

FCOURSE, universities can continue to insure the publication of worthy material by subsidizing university grass. Universities might even funnel nemoney into their presses if the money the litteres now pay to commercial pubthe could be redirected to universitywheel scholarly journals.

(large is always problematic, expecially shall avolves something as fundamental podelelly publishing as copyrights. Since body members tend to resist administrais interference, they probably will resist the idea that journal articles are work done for hire-until they are convinced that such a system can lower the overall cast of communication and thereby henefit scholar-

Journal publishers also will resist this change. Some of their concern might be ullayed by insuring that the right to copy urtieles does not become a general right to republish them. But even that will not satisfy same publishers in the for-profit sector. Initially they might refuse to accept articles on the terms proposed, thereby blocking an author's attempt to place his or her work in the most prestigious journal passible. But the prestige of juurnals depends on their publishing the best work uvailable, so if research universities and their faculties agreed tu set conditions on copyrights, publishers eventually would be farced to accept

Universities and their faculty members would have to work in concert to bring about the change that we propose. The first step in achieving coordination between faculty members and administrators is to educate both groups about the existing system of scholarly enmannication and the value

Then professors, administraturs, college susiness officers, and publishers can consider proposals such as ours about how espyrights might be better managed to ben efit higher education.

THIS EFFORT can begin through the esmmittees and study groups of such higher-education organizations as the American Association of University Professors, the Association of American Universities, the National Association of State Universities and Luad-Grant Calleges, the National Association of College and University Business Officers. and the Association of American Universit ty Presses. Some of these groups already are looking for administrative devices to change the market forces in scholarly communication.

Other organizations, such as the Asseiation of Research Libraries and the Association of Academic Health Centers, also could play major rules in building understanding of the costs of schalarly communi-

cation and how copyrights shape that comnunication.

Some librarious and computer experts argue that computer networks and electronic publishing provide alternative means of dealing with the cost crisis in scholarly publishing. But experience has shown that networks will not flourish as a means of formal schularly communication or deliver the economic beaefits they seem to promise until questions of enpyright have been resulved. The slaw growth of electronic-journul publishing demonstrates this.

Our existing publishing system is critical to us now and impussible to replace in the near future. And the root of the current crisis-the failure to manage copyrights as a university asset-will be no less an issue in any succeeding system of electronic communication. It would be disastruus simnly to move our cust problems from nne stem tu another.

Scott Bennett is the director of the Milton S. Eisenhower Library and Nina Matheson is director of the William H. Welch Library at the Johns Hopkins University.

LETTERS TO THE EDITOR

Questioning the History of Western Civilization

grent champion

were steeped in Hermeticism, and

Bruno wanted to restore the gods of

Egypt, for which, smong other ren

Church in 1600.

sons, he was burned by the Catholic

I chose the cut-off date in 1600 be-

cause skepticism about the earlier

wisdom of the Egyptians begsn to be

expressed around this time. Never-

theless, belief that Egyptisms had

taught the Greeks did not stop at that

to prove a negative statement such as

"no one doubted," there is abundant

evidence that before 1600 conven-

tional wisdom held that Orientals in

general and Egyptians in particular

had been the teachers of the Greeks.

To return to Mary Lefkowitz's es-

say, I am not its only or even its chief

target. She sees her major enemy as the Afrocentrists. At this stage, I

date. . All in all, while it is diffi

her essay on what she sees us is Mixentrist threat to the ratio-us trafillen ("Afrocentrism Poses That to the Rutionalist Tradito. Point of View, Muy 61, Mary lehavitz says that I have written de "to one before 1600 daubted to Cast delization and philosetthe find been] 'derived' from foor "Orenes on hi state that my aparal does not "have even a re Mediate authority" and that it is later Mursilio Ficina to have the exthe rediences what do not know Latin. However, at this point some of such about the ancient world to

The last point is absurd. I have me meh arguments to dozens of toleres containing classicists and relected historians throughout the hand States and elsewhere. Pur-Armer, in 1989 Volume Luf Black Attraction which such claims are received the honor-imique is the work of a non-class leng the topic of the presidential ted of the annual meeting uf the Auxien Philological Association. the states professional body of clus-icals in this country. The proceed-its were later published in the clasici journel Arethusa.

As to the question of my argument big made without "even a remote climits authority," I spend n considenble portion of Volume 1 of Black thene giving evidence to back this thin. For those who have not read to book, let me give a few examples a succession of the control of the c Provided the core of Greek relie Pale believed that the Egyptian god division, Thath, had invented writing and all sciences. It should also be loled that it was generally acknowltiged by Greek writers that geomeby had originated in Egypt, and ge-encity was the conterpiece of Pla-tele education at the Academy. ale maintained that mathematis had been developed by Egyptian Mess because they had schole, n pan on the Greek word'n double steaming of "learning" and "ici-

Skipping over many writera in late miquity who believed the same, we

must spalogize to readers of The reach the Renaissance. It is certainly true that 15th-century Italians were an material used in a letter to her in fascinated by Greece, but that did nut that journal, However, I think the remenn that they questisned the conventional wisdom that Orientals in cycling is justified as she did not general and legyptians in particular had been the Greeks' teachers. This attitude is emtomized by the stury about the greatest Florentine patron of the arts and letters, Cosimo de Medici, and the Hermetie texts, In 1460,

Mary Lefkowitz pours scorn on the African vindicationalists' claim of a "stolen legacy." While there is no doubt that they have been wrong on many particulars, as in the issushe eites of Aristotle's On the Sont. Ousing had arranged with his transthey are in fact tapping into a tradition of great antiquity and some va-lidity. In the 1st century A.O., the tant works of Plato translated into Neo-Pythngorean sage Apollonios of Tyana visited Indin. According to his his agents arrived with so-called Her metic texts, which were helieved-Signapher Philostratos, the Indians rightly in my opinion—to be Egyp-tian. Immediately, the work on Plato were surprised to find Apollonios virtuous because Egyptisns had to was set uside to give priority to what were seen us the more uncient and estublished "nil the sacrifices and superior Egyptian writings of Her-mes frisategistos, the teacher of Plarites on initiation that are in vogue umong the Greeks," who were ruffi to's teachers. Copernicus and his Cinclano Itamo

The iden that Greeks were taking nspects of Egyptian religion niao cumes in a passage in the Hennetic Carpus. Philo of Byblos's writing around A.O. 100 elaimed that Greeks had appropriated Pricenician and other ancient myths and had then imposed their versions or fletions on other peoples. In the 2nd century A.O., the Assyrian Christian Tatian argued that the Greeks had stolen Phoenician letters and Egyptian geometry and historical writing.

Such arguments are not implaus ble. We know that "Pythagoreas triangles were used in the Near East more than a thousand years before Pythagoras. The volumes of pyta-mids were measured almost equally early, long before the time of Eudoxos, who according to Archimedas was the first person to do so. "Archimedes' screw" was in use in Egypt centuries before the Greek seiont was born. It may be too emotional for academic tastes, but the word "stealing" in such cases does not seem al-

together inappropriate.
Now to the core of her essay: Mary Lefkowitz's claim that Afri claims are a threat to the Buropean rationalist tradition. She admits that many [Northern European] scholars in the 19th century over-emphasized the connections of the Greeks 10 Northern Europe, when they



"So this 'Iliad's' a classic, right? Like Coke."

should have turned their gaze to the Egyptians and the Nesr East." I imagine that she would also concede that the causes of these biases were as she describes those of the Afrocentriata: "to recreate history in or-der to praise themselves or to devalue the achievements . . . of those peoples whom they regarded as their

The 19th-century scholars who dld this were the founders of her disclpline. Yet she sees Afrocentrista, who do it now, as subverters of m-

Like Mary Lefkowitz, I dislike both the Burocentric and the Afrorie extremes, nad I also appreciate the Greek historians, who as sha writes, often snw good qualities in their enemies. This is in fact one of the chief reasons why I tend to prefe 19th- and 20th-century scholars who have been blinksred on the issue of contacts between Greece and the rest of the East Mediterranean by their racism and nnti-Semitlam

Finally, I think that Mary Lefkowitz is unnecessarily fearful when she attempts to link the fate of Western rationality to that of the conventional nititude of classicists toward sncient Greece. Western rationality did very well before the Romantic view of a semi-divins and

pure Greece was formed. Indeed, ed by people who had a far more hos-tile attitude to ancient Greece than the most farouche Afrocentrist. Francis Racon, for jastnince, saw Greece as the root of the philosophical systam he was attacking: "The sciences which we possess come for the most part from the Greeks. . . . wiedom of the Greeks was professorial and much given to diapu tations: a kind of wisdom most ad-

verse to the inquisition of truth." He thoroughly disapproved of what he saw as auch useles: phers ns Plato, Ariatotle, Zeno, and Epicurus; even those Greek thinkers he thought less bad were, in his opin ion, "not altogether free of the failing of their nation . . . they are prompt to prattle, but cannot generate; for their wisdom nbounds in words but is barren of works."

Por Bacon, the discoveries that had helped humankind were made before the Greeks, and he argued that when contamplation and doctrinal science began, the discovery of use-ful works eeased."

According to Isaac Newton, when considering atomic theory und heliocentricity: "The Egyptians were the earliest observers of the heavens and from them, probably, this philosophy

Continued on Following Page

Letters to the Editor

Continued From Preceding Page was spread abroad. For from them it was, and from the nations about them, that the Greeks, a people more addicted to the study of philology than of nature, derived their first as well us their soundest notious of philosuphy.

I do not share the scientists' contempt for ancient Greece, and I see it as having had an extraordinarily at tractive culture. Nevertheless, I do not helieve that it should be sacrosanct or that any questioning of its originality should be rooted out as a beresy and threat to world civilization. Teuchers and students should question and challenge actively, and not merely warship received wisdom-even when looking at ancient Greece.

MAII FIN BERNAL Professor of Government and Near Eastern Studies Cornell University Uhaca, N.Y.

Mary Lefknwhy's Print of View presents a sobering statement for all faculty who teach humanitles discis. 'Two essential Jessons can be derived from this account. First, students in the humanities, particularly history, must be firmly trained in methodology in order to determine the vulidity of facts and conflicting interpretations. To accept prima facle the pronouncements of any professor or scholar as "correct" or nuthoritative" defeats the purpose of historical as well as intellectual inquiry. The study of history without an adequate understanding uf methadological principles fails to develop the discerning minds our students

Secondly, the entrent pspularity of multiculturalism on many compus es frequently appears to exclude accuracy—indeed truth—from the historical record. This educator affirms the centrality of studying uli world cultures and societies, and how interaction smang them has produced our civilization. . . . The lilstorinn lias a professional responsibility to convey information that is accu rate and supported by the available evidence. Interpretations that do not reflect this fall outside the principlo-Failure to provide our students with

accurate, true history is a profound disservice to them and to our own profession. Eurocentric bias has indeed per-

sisted two lines and should be challenged. Hopefully, the challengers will not swing to another extreme position. . EMIL ANTHONY RICE!
Adjunct Professor of History
Villanova, Pa.

Charges of politics at the NEH

То тик Ери ва:

I lied not thought it necessary to reply to Stephen Burd's implausible article ubout the Nutiunal Endow-ment for the Humanities ("Chairman of Humanities Fund Has Politicized Grunts Process, Critics Charge, April 22) until I read Michael Béruhé's letter ("The 'Politicization' of the Humanities Endowment." May plum to award to friends and cronies (3) and reulized that some people believe everything they rend-und evidence, he suppresses information

cifically: Catharine R. Stimpson and

Martin Bernal, Mr. Burd, the report

er, spoke to Catharine Stimpson for

the article, and one has to wonder

her recent experience with NEH. Had

he done so, I sm aure he would have

found out that a college-teacher proj-

funded and will be conducted thin

on literary representations of mascu-

linity and femininity during the 1890's in England, Similarly, had Mr.

summer: Martha Vicinus's semina

ect she recommended was rec

One of the obvious problems with the Burd article is that it presumes to purtmy the NEII by talking to applicunts who have been rejected. It has happened befure and will no doubt happen again that scholars whose projects are not funded lay the blame on the NEII process rather than an their own applications. It is only human nature for them to do so; and one should, therefore, subject their claims to at least modest scrutiny. and densunced us in print for funding The Rcv. Joseph A. Appleyard of too many feminist projects. Boston College, for example, snys his proposal was not funded been certain scholars listed in it were "red flags"—people whose names will supposedly sink a project here at NEH-and he cites two scholars spe

Chair National Endowment for the Human Washin

То тне Есітов:

As one of the people interviewed for Stephen Burd's article on the National Endowment far the Humanities, I was distressed by what I regard as a clear level of journalistic irresponsibility. Obvisusly intent upon addressing the current superficial debates between the "neo-conscrvatives" and the "politically correct," the article dld nothing to pull the discussion out of its current quag-mire. It raised no ane'a consciousness and likely heightened some

paranoin. The article dwelled an several applicants who were turned down, allegedly because of their polltics. With thousands of applications per year nt the NEH, another writer could have earnestly brought forth as many rejected applications of deonatrably conservative bent and then concluded that some sort of "PC" cabal works its will under Chairman Lynne V. Cheney's very nose, Similarly, one could have found some successful politically conservative applications while nnother could have as easily found some successful applications showwing aensibilities. The same varietiss, morcover, were evident at the sudowment during the Carter/ Mondsle years, So much for the evi-

With respect to one application, Mr. Burd implies that Mr. Jeffrey Herr convinced an NEH panel to change its judgments about an application. If Mr. Herf did, he certainly nceded to have had aubstantivs nrgu-monts, unless Mr. Burd is contending that the other panellsts were mind-less gnomes easily bludgeoned by

Hurd checked, he would have found that Murtin Iternal's work is heing read in an institute for school teachers that NEU has twice funded at Chicago Stute University. Bot I don't mean to be unduly criti-

cut of Mr. Rurd, since members of the academy have proved themselves in this mutter to be even more lax than he about relating assertion to evidence. Michael Bérubé in his letter to The Chronicle transforms the unsubstantiated (and unsubstantiatable hecaose false) charges about "red flags" in the Burd article into "evidence" of "blacklisted scholars whose names cannot appear on grant applications" ta NEH. The mind boxgles at Bérubé's irrespansible leap. 1 recticularly estonishing for him to make such n charge since he recently inveighed in The Village Voice against the "Big Lie" and densunce those who substitute invective for

Mr Rémbé also charges that I have treated the NEH as a political This time he not only fails to offer that makes the opposite case: name-IV. that he is a recent NEH grantee.

The idea that there are certain people whom the NEH will not find sim- one professor. I have been involved ply does not hold up. Nor does the charge that there are certain tonics. auch us feminist ones, that are offlimits here. All sne has to do is look at the listing of grants awarded in our annual report to see otherwise. Or. quicker, talk to Phyllis Schlafly, who did read our annual report recently-

I would prefer, af course, that the NEH be praised by both left and right. But being criticized by bath sides isn't at all bad as an indication of sur basic fairness. LYNNE V. CHENEY

> Only a faw of the NEII applications are simply bad. Most have great strengths. Thus explaining to most why they did not succeed is nkin to a

tescher explaining to the A- student why he/she did not get a straight A. fund may have become excessively An F is easy to explain. But the rapoliticized, This may be true; but no tionale for sn A- involves a fine distinction. And with huge egos In- port it that is anything other that valved, the task af conveying this is yet tougher at the NEIL Politics cun explain the failures and auccesses of

THE CHARMICLE OF HIGHER PROCESTION

In the treatment of anuther appli-

catisn, Mr. Burd asserts that it must

have been politica that undercut a

feminiat who received two top rat-

ings of "very good," and one lower

rating of "some men't." Anyone who

has served on an NEH panel or

worked at the endowment can tell

is so stiff that such marks do not even

come close to the levels needed for

funding. The professor's application

was goed, but simply not good

you straight away: The competition

ings of "excellent," two near-t

transpires there.

very few applications. . Much of the current public opinion about agencies like the NEII and the National Endawment fur the Arts centers on alleged palltical biases. This focus has grown so out of pro-portion that one could think little but lesultory politics occupies the work of the endowments. This just is not

for any reason that might reas be construed as solely or even largely political; and no evidence that re-Much besides the politics on which the article is focused animstes both ommendations arrived at by the peer the people who work for the NEH and the vast majority who apply to it. review process were later rejected at a higher level. Indeed, the propo Since the NEH is a public agency, however, some deliberation inevita-bly fall olong political linea. During the Carter/Mondale years came exthat we ranked bighest were precis pressed preferences as to the kind of I did ses plenty of evidence of evaluative proceduren that were effi-ciently implemented, just, and imresearch that ought to be promoted. Personnily, I think such biases were o.k., not only because my politics partial. Naturally, there was mu disagreement among panelists as to generally fall with the Democrats, but because the American people the substantive and methodok merits of some proposals. Such diselect a leadership, and that les agreement I fook as evidence that if ship has the right to inject its views Into public agracies that, by definition, must ultimately be political.

While I was in the minority, the endowment had made real efforts to aelect participants with varied back Many good proposals to the en-downest don't get funded. But the American people elected Reagan and Austral people cutted acaptain single bush, and for II years their views have affected agencies like the NEH.
Why is this so shocking? If one were why is this so shocking? If one were the people of the people of

truly outraged, one must either be a logical dogmatism. Critics of the

hypocrite-my biases are valid, but with NEH panels, and the article com-pletely misleads readers as to what grown totally politicized. The only logical move then would be to eliminate such federally funded agencie us the NEH and the NEA alterther

"It's his new approach to creativity in science.

He thinks of it as a novel.

The article but thickens the silly neo-con/pc debate, Mr. Burd was either case banal. If Sartre was in an way prescient, may Mr. Burd's or ward be to sit forever in a mon with Pat Buchanan and Andrea Dwarkin. ALAN H. LEVY Associate Professor of History Stippery Rock University Slippery Rock, Pa.

an article suggesting that the KEH'S

procedures for selecting projects in

one has presented evidence to sup-

ecdotal or ambiguous. Since this is

the level at which the debate is bring

conducted, some anecdotal evident

served on peer-review selection past

Independent Scholars. I saw no evi

dence that the panel was packed; no

evidence that any proposal was re jected (or even called into question

els in the endowment's program

fellowships for College To

In August 1990 and August 1991

on the other side may be useful.

Tu THE EDITOR:

ADAM YARMIGINSKY The Chronicle recently publis

MOINION

Sadements survive

hen 60's programs

Social Policy," Opinion, April

4 Rd I believe she misreads recent

bary when she indicts the unti-

pay programs of the 1960's fur

making aurrowly based solutions

secre inspiration only from "spe-

high, the task force on which I

neithst put together the anti-pov-

of programs spent much time and fat at coalition building. Despite

te apact of the Vietnam War, and

screening hostile administra-

WHAT THE PARTY OF

ion levelments of the prop

haihzı hardy perenniuls.

amoney action, Head Start, legal

wice-lave sunk their roots into

te affical soil and cuntinue to

ind" social-science literatur

OPINION

Ofming Teffism macademe

TOTHE EDITOR: less both symbolic and sad that & Point of View" of Steven Watts To THE EDITOR: e's Leftists Are Somefig of a Fraud," April 29), culling

SOMEWHERE



TO DAN THAT iт SEEMS

CALLING HIM MADAME HAS BEET POODLE

on us as academics to commit ourwould serve scholarship re by lobbying their representa-to for an increase in its funding selves to public engagement, was published during a week of nots in a by arguing about the political Worts and 30 years after aimilar events. . . . Thirty years of "intellectual" battles between "leftists" and of its leadership.
PAUL J. GRIFFITHS
AMOUNT Professor of the Philosophy
of Religious.
University of Chicago
Chicago "eunscryntives" have been 30 years

of collective fear and denial.

Dr. Watts is correct but duesn't early go fur enough. We, us academics, und I include The Chronicle, have given plenty of semantic lahels to what we have seen around us, but have done little ur nothing to make To me Epiton:
Their Skocpol's prescription for
adming social policy in political concrete improvements in the crumhling communities outside of our ivoschotag social poincy in pointest applies that expand electoral sup-ations vision of Today'a Experts ry towers.

Enough "intellectual gumesmanship." We need to ask ourselves real questiums about who we are and what our role is in a society in crisis. Are we training our students to go nutside the university and their future warkplaces and to work and plan with the community tu save our decrying citor are we just talking about these issues, in our seciul-science courses?

Are our professional students oing to build small businesses, rebuild our financial institutions, create real opportunity, provide legal services for those who need them, and address other needs, or are we training them only to deal with the abstract and to look nwuy? Are our hunumities courses giving uur students an appreciation for the world that translates into more advocacy fur protecting unr environment, for building up our museums and libraries, for holding our institutions accountable, and for protecting our parks? Are our sciences helping train our students to develop innovative and apprupriate technologies within uur ennuminities, and 10 help convert our economy away from military production nuw that the Culd War is ovet?

Further, are we as educators prop er role models for our students? Are we applying what we teach to produee mure than urticles and buoks? Can we show real and meaningful results that have benefited the lives of people unlike nurselves, in a tangible wnv?...

DAVID LEMPRAT

One week after The Chronicle's feature on the wuning influence of

FRAMCE



hanges being wrought and fought for in our institutions. Instead of confronting the conceplings of discourse theorists (and thereby engaging and per-

and conserving impulse in history de dialogue), Mr. Watts reverls to theurism, which is common enough.

DEPARTMENT OF ENGLISH

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professor at the University of Mis-

9 = 1 = 1 = 1 = 1 = 1

emerging heterogeneity of the ucade-

my's representatives and their idess.

scribes himself as friend to the small

farmer, the urban underelass, and tha

unemployed steelworker. Mare dubi-

himself in a vortex of presuppo

tions (mostly insecurate) on domi-

nant culture, American political and

primacy of history. . . and mecha-

I do sense, though, somswhere be-

nesth Mr. Watta's pulssant nisus to debunk scademe's left, the vexing

question (seing teachers and scholars

of the humanities: What is the aca-

demic's role in addressing the flexi-

ble present of todny's culture, espe-

ing else, the expanding and expres-sive attacks originating both within

nnd beyond the university against "leftiat"—to borrow Mr. Wnits's

convenient label-discourse and its

theorists validate the formation of

extend the curricular and ideological

nisms of power and distribution.

political theories of capital, the

. Mr. Wntts also inacribes

DIE PE

E

growing (endency of the right to es-more realistic [whatever that means] proving concern victoring in a contract of the to shape madern culture." His cult cal reflection for assessment-for knowing the thing less, as his article says, does

not "signify" the "episteme," it only defers it endlessly and ironically. JOHN S. HOWARD
Teaching Fellow in English
St. Louis University
St. Louis

TO THE EQITOR: So canfused and cloyed by cliché is Steven Watts's "Point of View"—

on leftists and discourse theory-one on he sure his iscutions were derived from third-hand necounts of lit erary critics, their apouses, what's hot and not on the conference scene.

One wanders why such no obsolescent diatribe would be written taday, let nisne published, quite apart from By Interpreting the agenda of dis-

its distortion of the topic. cuurse theurists as immediate and violent revolution, Mr. Writts in-To collapse Foucsult and Derrida, who have written against one another, in two peas in n pod de mainstrates sheer ignarance, or rather the most superficial "historical" understanding of poststructuralism. Foucault was a discourse theorist, indeed, a historian but not a realist. . . rida is neither a historian nor a dis-course theorist. More often his work enges the very notion of "history," net by relifying "discourse" but by atsmizing or distending "lan-guage" and the terms for its concep-tualization (hardly the "deification of

language," as Watts puts it). To confinte these figures with "leftism," which usually implies a Marxist bent, confuses matters further, especially when you consider elally when so much of that culture; espe-elally when so much of that culture is being interpreted—perhaps rewrit-ten—in and by the academy? If noth-Foucault's critique of Marx and how many regarded Mnrxlam and decon-struction as virtual antitheses. By forging an identity among these fig-ures, Watts displays his text as sheer ideology. What, in fact, he re-jects is the practice of questioning epresentations, which is as classic coalitions, such as Teachers for a Democratic Culture, to defend and tance as Pinto's cave and its shad-

Watta should admit his preference for the world views of humanism and realism and acknowledge them as such. His refusal to entertain auch basic terms as "signifiers" and "in-

"I too revere Hawthorne, Mr. Fenton, but wouldn't characterize him as 'Peter Greennwayish." discourse theory on a conservative hups bending ideas toward sufficient tertextuality" displays not only antiand conserving impulse in austory or discovery program of typical devaluation... but anti-intellectualism of the sort parameter, Steven Watts, history program of typical devaluation... but anti-intellectualism of the sort that demunds simplicity in curricular and the sort that demunds simplicity in curricular that demunds simplified that demunds simplicity in curricular that demunds simplified that demunds si souri at Cslumbia, initiates an attack of his swn instructive critical princion "the linguistic left" that reveals a ple, which is, he says, to gain "n pushing public higher education topics culling for deliberation or criti-

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S

cable

I symputhize, finally, with the "real"-is exactly central, if any- call for "public engagement." Bu thing is, to discourse theory. Any- the front of "populism" should not be used to validate conceptual slovenliness or misinformation. Dialecticully considered, these matters point to nnother horizon: How is it that the "public"—as a body poli-tic— has dissolved in America? Did that have mything to do with "professors" calling for the elimination of perspectives that do not conform with their own, as in Watts's "Point of View"?

STEVEN JEFFAEV JONES Assistant Professor of English Texas A & M University College Station, Tex.

TO THE EDITOR: Steven Wnits's observations about discourse theorists remind me of Thereau'a remark in Walden: "The hend monkey at Paris puts on a trnv-

eller's cap, and all the monkeys in America do the same." But not all Americans are monkeys. The most damning criticism of ourse theory is that it dovetails perfectly with the political agenda of the rich. It is no accident that it alares with the Republican right n ready tendency to victous ad homi-

Discourse theory represents n very subtle attempt by the reactionary right to subvert the university. Since the left is unwittingly complicit, it retains little eredibility

JOHN B. SHEARLL

The large volume of letters to the editor of The Chronide prompts this suggestion Limit the length, where pos sible, to 500 words. In the competition for space, abort letters must sometimes be given preference. Letters may be condensed.

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(RHETORIC/COMPOSITION)

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The Public Authority for Applied Education and Trotning invites applications for fixuity positions for the 1991-92 academic year in the ranks and specializations indicated below.

- Professor, Associate Professor and Assistant Professor (earned Ph.D. in areas of specialization required).
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The positions are tenable at the College of Basic Education, a two-year post-secondary college in Kuwait.

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framing and painting, design, needle work)

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Teaching Methodology (lesson planning practicum in early childhood education)

Qualified applicants should write for applications, salary scale and conditions of service to:

Cultural Division Kuwait Embassy 3500 International Drive, NW Washington, D.C. 20008 Tel: 202-364-2100

Completed applications should be returned to the above address and must include curriculum vitae, and official academic transcripts. Applications will be forwarded for action to the Public Authority in Kuwait.

NOTE: Documents submitted will not be returned.

KUWAIT UNIVERSITY College of Science

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The successful applicant will be expected to have an outstanding the successful applicant will be expected to have an outstanding considerable bedround outstanding the successful application. In addition, the bedround outstanding programmer and experties in any relevant see including organization mechanisms, describe crystallization or including programmer from solution.

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The Doparlmont toaches and researches in the gress of management sciance, marketing, e-ganisational behaviour, preduction management, and strategic management Theore is curronity within the Osparlment of Pietossership in Managemant Science hold by Protessor H G Docilenbach.

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PROFESSORSHIP IN MANAGEMENT

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The appellines will be aspected by play a leding release in suching at both him undergreduate and gradeste levels with particular emphasis as the production of the production

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Department of Anthropology

Reference No: A15/04

The Department of Anthropology seake e lecturer in the field of cultural end social enthropology. The epophiles will be expected to laceh a fudente at all four levels of the undergraduale program, advise graduate students, conduct research and seals in the administration of the department.

Applicants should have, or here imminent expectations of, a doctorate in social/duitural anthropology. Preference will be given to persone with taseerch experience in Aboriginal Australia.

Further information from Associate Professor Jeremy Backett, (612) 892 2360; (B12) 892 2818; (B12) 892 3509. Membership of a superannuation acheme may be a condition of amployment for new appointers.

Selary: Lecturer Level B A\$39,463-A\$48,686* p.a. A\$50,225-A\$57,913* p.e.

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THE UNIVERSITY OF AUCKLAND **New Zealand**

A LECTURESHIP IN MUSIC School of Mesic (Vacaecy UAC.148)

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Commancing salary will be established within the range NZ\$37,440-NZ\$49,088 per annum.

Conditions of Appointment and Method of Application are available from the Asaletant Register, Academic Appointments, University of Auckland, Private Bag, Auckland, New Zasand, to whome applications should be forwarded by 30 JUNE 1992. Please quote Vacancy Num-

A LECTURESHIP IN CLASSICS Department of Classics and Ancient History (Vecancy UAC.147)

The department offers courses in Greek and Latin Language and ther-saure, and in Ancient History in four options (Greek, Koman, Lgyplian, Mesopopanian). The current safe fastibilitiments in five, Even specia-lising in Classics, two in Near Zastem History. Research interests of current safe include Greak and Roman Heletolists, Greek and Bonnia Epic, Greek Philosophy, Greak and Bonnia Heletolists, Greek and Bonnia (Heletolists). The Committee of the Committee of the Committee of the Ule in Impelial Roman, Egyptology, Toherana Cappy.

ure in imperias soma, agricology, riocenate (agricology). Applicants for this new position should have doctored qualifications in Classics. They will be required to teach Ancient History (Greek and Roman) as all elevels, supervise the research easys of MA candidates in Ancient History (Greek and Roman) and contribute to programmes in Latin and Greek Language and Litestame.

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TWO LECTURESHIPS IN SOCIAL ANTHROPOLOGY

Social Anthropology at Aucidand is taught together with Archaeology, Biological Anthropology, Ethnomusicology and Linguistics within the Department of Anthropology.

Department of Anteropousy.

WACANCY LIACL, 144
A LECTURESHIP IN THE SOLILA INTHROPOLOGY OF CONTIMPORARY NEW ZELAND. Applicants should have a Ph.O. or equivalent
qualification and have teaching and messen'd experience relevant to a
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AN ASSOCIATE PROFESSORSHIP IN PUBLIC SECTOR MANAGEMENT School of Commerce & Economics and Graduate School of Bealeass (Vacancy (IAC.151)

Applications are invested from candidates with present interests analog repertince in public sector immergines for this movely created sector immergines for this movely created sector invested in the candidate will provide teaching the contract of the candidate will provide teaching sector in the candidate will provide teaching contracted by in the Candidates Short of Osteres. The immergine promote in the School, and candidates will provide teaching posterior in the candidate Short of Interesting in the development of all of meaning many candidates and the candidate will also be expected to conduct research in the area.

The appointee will see use expectors to consultr research in this area. The appointee will have post-graduate qualifications in management or a related discipline and have either considerable experience in public sector management less or a smoot packground in management research in the public sector.

THER TERRENCH IN THE PUBLIC SECTION.

The appointee will be statched to a department within the 5chool of Committee and Economical population to higher scaderifc background and interests and the expected to constitute to the teaching and ceasersh of that department.

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AN ASSOCIATE PROFESSORSHIP Department of Computer Science (Vacancy UAC-149)

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LECTURESHIPS A SENIOR LECTURESHIPS IN MARKETING AND IN INTERNATIONAL BUSINESS Department of Marketing & International Business School of Commerce & Economics and Graduste School of Basiness (Vacancy UAC.154)

The Department of Marketting and International Business ollars common to materials and international Business ollars common to materials and international Business ollars common to materials and international and an advantage of the Common Marketting for the degrees of 6.cm, McCom, McMa, McMa, Ph.D., and the Diploma in Business. The Department has a common to the Common of the

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SENIOR LECTURESHIP (NON-MEDICAL) IN ANATOMY
Department of Anatomy
School of Medicine
(Vacancy LAC-153)

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Commencing salary will be assablished within the range NZ\$52,000-NZ\$50,944 per annum. NZ500,944 per sitirum.

Conditions of Appointment and Method of Application are available from the Appointments, University of International Programs, Academic Appointments, University of Applications and University of Appli

A LECTURESHIP IN SYNTHETIC ORGANIC CHEMISTRY
Department of Chemistry
(Vacan cy LIAC. 152)

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The University of Auckland An Equal Employment Opportunity Employer





School of Business

Foundation Professor of Management

The University of Central Queensland is seeking to appoint an outstanding leader in the field to its newly established Foundation Chair of Management. The University is an integrated regional University with the major campus at Rockhampton as well as campuses at Blundsberg, Enerald, Cladestone and Mackay. Rockhamptons 400 kilometres intand from the Central Queensland Coast, mean the Central Barrier Roef. The acreas is well regarded for its mild withiners, its releved filestyleard and the Central Coast of the Central Roef Centra its quality of hie in general.

to quality to success general.

The region offers exciting and challenging opportunities. Within the business community there is a strong regional locus on activities in agribusiness, mining and mineral processing and lourism. Currently, there is a strong drive by regional industries to seek value added avenues for export

The position requires a person with a proven track record in managing research, liaising effectively with industry, commerce and government and providing learn leadership in academic and related professional endeavours. It is expected that the appointee will continue with established research and assist in ongoing development of the School research profile.

The School in 1992, provides occurses isading to bachdor degroes, both pass and honours degrees a Craduate Diploma in Management, a Master of Business by Research, a Master of Ranada Management, a Master of Information Systems and mMR. While the undergraduate program arcinicrnal, the post graduate course work programs are available both on compusand by deliance study. Demand of the accounts is strong and there or currently 80 students, Instituting some 70. nternational students involved in postgraduate study. At present, the School is actively

To support the above programs, the areas of marketing management, human resource management, economics, public policy and management, international business and corporate strategy are the euront focus of teaching and research.

Candidates should have a doctoral qualification, established national and international network Candidates shown are a doctoral quantization, established national and international networks and the energy and innovative capacity to croate a reputation for the School of excellence in the major functions of management and in both public affairs and the private sector. It is also destrable that the candidate have substantial experience in postgrad usic teaching, program management and appearance to the state of the and executive training and development.

This position is offered at the professorial salary of AS77 900 per annum.

Postuon enquiries: Further enquiries concerning the duties of the position may be directed to Professor Kevin Fagg, Dean of the School, telephone +61 79 30 9532, Facsimile +61 79 30 9700, electronic mail: AARNet/Internet: K.Fagg@ucq.edu.au.

Selection criteria and duty statement are available frum the Personnel section, telephone +617930

Transfer and settling in expenses are available where applicable.

Applicants are requested to forward, in duplicate, applications, including full curriculum vite, certification of stated qualifications and the names, addresses and telephane/incitnile numbers of theoreties coreach the Personnel Officer (Appuintments), University of Curtinal Queensland, Rockhampton, Queensland 4702 no later than 1 July 1992.

UCQ is an Equal Opportunity Employer

MOUNT IDA COLLEGE **School of Liberal Arts** Faculty Opening in Communications

Mount fda College in suburban Büston aeeks a full-time faculty member in journalism/writing for a new B.S. Program in Communications beginning Pall 1992. Ph.D. college teaching correince, professional experience in pinit or decuronic newsrooms and familiarity with desistop publishing are required.

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SAINT

SCHOOL OF EXTENDED **EDUCATION**

The School of Extended Education seeks applicants for three positions:

CHAIRPERSON DEPARTMENT OF MANAGEMENT

Full-time, tenure-track position, teach courses, supervise five full-time and 100 part-time faculty, and coordinate instruction in the Management major in as off-campus program for working adults in 35 locations in the Bay Area. Ph.D. la business or a related field, administrative/management and teaching experience.

ASSISTANT/ASSOCIATE PROFESSOR

Full-time, tenur-track position in the Department of Management, including teaching off-campus evening classes for working adults, student advising and mentoring, committee assignments, and department development. PLD with teaching and professional experience related to management required.

CHAIRPERSON DEPARTMENT OF PORTFOLIO

Full-lime, tenure-track position; teach courses and provide leadership to part-line faculty in prior experiential learning instruction. Coordinate an off-campus part-loio instruction program for working adults on 35 San Francisco Bay Area locations. Ph.D. and teaching experience in portfolio required.

Positions will remain open until filled. Consideration of applications will begin June Positions will remain open until filled. Consideration of applications will begin also 12, 1982. Send inter of application, names and addresses of three professional references, and current curriculum vitae to: Dr. John Daley, Associate Dean, School of Extended Education, Saint Mary's College, P.O. Box 4700, Moraga, CA \$4575.

Saint Mary's College is a Catholic, coeducational, liberal arts college of over 400, including undergraduate, graduate and adult education studente, operated by the Christian Brothers, and located 20 miles east of San Francisco, an EQUAL OPPOS. TOWNTY EMPLOYER, the College is committed to diversity and encourage weeks, minorities, disabled individuals, veterans, and Christian Brothers to apply.

Microbiology/ Blology/ Water Quality

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Post-Doc - Historical

Metallographer

The Center for African Stud-ies, University of Florids, seeks a dilled metallographer for a 1-year Postoco, beginning July 1, to su-processe African Studies of the Con-supervise African Studies of the research. Send application later, ev, and three reference laters to: Pater Schmidt, Center for African Studies, 427 GRI, University of Florids, Celessovile, Fl. 32511– 2007. Deadline, Juos 12.

Dr. Martha Anne Dow VP for Academic Affairs Northern Montana College Havre, MT 59501



A calendar of forthcoming meetings, conferences, workshops, and Institutes of importance to scholars and college

every week in The Chronicle.

POSITION OPENINGS EXTENDED

Cowley County Community College and Area Vecutional-Ichinda School in seeking qualified applicants for the following hidden seeking possibilities for these positions in the section possibilities for these positions in the section of the section o

SOCIAL SCIENCE INSTRUCTOR

Oulles include teaching course in the oreo of psychology and society. Successful opplicant must have a Manter's degree in Scial Science or or reloted field and previous teaching experience. Position begins August 1, 1992.

BUSINESS TECHNOLOGY INSTRUCTOR

Duties include touching business and computer courses. Successed opplicant must have excellent computer akills and o willsquest buylotes those skills. A Bacholor's dagree to Business. Computer akills and only the state of the Both positions require allerive integersonal, againstatical, eacommunication exists. All positions require some evening and self-end teaching analigoments, and the skills occasion to serve as evening and self-end teaching analigoments.

The College will occup topplications until the position is filled, led has established by the control of the college of the co

Dr. Sob Pexton
Osen of Instruction
Cowley County Community College
125 South Second
Arkenses City, ES \$7005

Cowley County Community College encourages minorities to apoly one is an Affirmotive Action, Equal Opportuoily Employer.

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INSTRUCTOR/ASSISTANT PROFESSOR OF PSYCHOLOGY

(Non-Tenure Track) (CODE #0110)

ICIDS Took 12 crolis hours per semester. Instied numers teaching to all includes Court principality and an account of the court of the

muste with qualifications and experience. FURINE DATE: June 30, 1992.

PROFESSOR OF JOURNALISM/ DEPARTMENT CHAIR (A full-time, tenure track position)

(CODE #0112) p invites nominations and applications for Chairperson manufications.

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RIBS The department is responsible for instruction in spench, and is pread basefur journalism. Supporting the department were an PM ratio take and a newly equipped 7.V. studie which serves both as an educationizing as a production facility for the local access channel.

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DIVINOTION PROCEDILIBRE Send vina, teanscripts of undergraduate and pake wak fundicial transcripts acceptable for initial screenings, and 3 anno somenedation to the Personnel Office, Lincolu University, 820 (Yeasters, Herron Civ.), MO 65102-0029. AA/EEO.

DICKINSON STATE UNIVERSITY athematics/Natural Sciences Division Chair

Didistan State University invites opplications for the chair of the Mohamitis/Natural Science Division. The successful splista will teach college math including olgebra, calculus, doze math and real analysis; math education methods for Sentery and secondary. Administrative duties include bigg peparation and implementation, personnel and course stealing.

Description required in related discipline. Rank und solary

immensurate with training and experience. This is a tenure

Tax position beginning August 10.
Seeining begins immediately and will continue until position is filed. Letter of application, resume and

Dr. Richard Brauhn, Dean School of Arts & Sciences, Dickinson State University. Diskinson, North Dakota 58601-4896.

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before: Instructor to assist in develop-nen of AAS Fromers, Minimum qualifica-ting include as MBA and of least three teast and the ABA and of least three

WILLIAMS COLLEGE Williamstown, MA 01267



The Art Department Invites applications for nn anticipated opening brighting duly 1, 1993, at the associate or full professor level, to teach two groduate seminars and one undergranduate course annually and direct 20-25 M A candidate in a program offered with the Clark Art Institute.

Williams College is a coeducational libral set treflution, for representation 2,000 undergraduates and 50 moster's remediation and representation or reputation on regulation of the college has bird its reputation of recollege and set of the college and

NURSE PRACTITIONER FACULTY

Opportunity ta impact nursing education, research and service us a larally member of the University of Manil School of Hursing with SSN, claimed by-based MSN, and research-oriented to a progress; in nursing. The School of Hursing in regarded to she the culturally-focused health care and is situated in the midst of a complex health center for the Caribbean and Lolin America.

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Family Neutre Practitioner faculty interested in teaching student at all levels are recoveraged in apply. Rank and stary based on education and experience. Master's degree in neutral particular as a Family Neutre Practitioner required, doctoral degree in neutral part or elated field, preting to teaching and clinical practice experience preferred.

Starting Oute: August, 1992. Please mult or fex your curriculum vitae, or cult:



Applications accepted for all positions until filled.
Applications from minority candidates are escouraged

Equal Opportunity, Affirmative Action Ersployer

SCHOOL OF MANAGEMENT UNIVERSITY OF SCRANTON

For September 1992 Faculty positions in Management and In Accounting The University of Scranion is a jesuit institution with a well-established quality ador airon.

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Tenue track positions available: All renks positiols. Highly competitive salter; Required and the track position are included and acceptable salters are applied and acceptable salters are acceptable salters and and acceptable salters are acceptable salters and and acceptable salters are acceptable salters and acceptable salters are acceptable salters and
MONTEREY PENINSULA COLLEGE Monterey, California

Monterey Peninsula College is located on a wnoded setting overlooking Monterey Bay and is characterized by its informality and student-oriented atmosphere. It is committed to an open door admissions policy and a comprehensive curriculum offering transfer, vocational-technical, and consmunity education. M.P.C. serves more than 10,000 culturally and socio-economically diverse students who carnil each semester.

FACULTY VACANCIES

*ESL INSTRUCTOR FULL TIME, TENURE TRACK Work year: 177.5 days Salary range: \$28,233 to \$39,605

NURSING INSTRUCTOR

FULL TIME Work year: 177.5 days Salary range: \$26,002 to \$39,605

Part-time Nursing positions also avallable

Excellent frioge benefits. Must meet new state minimums: Master's degree or equivalent required, or possess appropriate California Community Collage credeotial

DEADLINE FOR RECEIPT OF REQUIRED APPLICATION MATERIALS ESL: 5:00 p.m., June 19, 1992 NURSING: 5:00 p.m., June 12, 1992

*Position contingent on funding and Governing Board approvel. For a complete announcement and the required application mejerisis, contact:

Monterey Peninsula Colioge Human Resources 980 Fremont Street Monterey, CA 93940-4799 Phone: (408) 646-4016

An Equal Opportunity Affirmative Action Employer

FAX: (408) 655-2627

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UNIM IS AN AFFIRMATIVE ACTION, EQUAL OPPORTUNITY EMPLOYER

Columbia State Community College

Columbia State Community College seeks applicants for the following positions; INSTRUCTOR OP BIOLOGY—Master's Degree in Biology, some teach-

INSTRUCTOR OF DEVELOPMENTAL MATHEMATICS—Bachelor's Degree in Mathematics end teaching experience in mathematics re-

The reviewing of applications will begin in an 22, 1992 and will be accepted in the positions are filled. WOMBIN AND MINORITIES ARE BSPE-ted in the position of the property
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Walters State Community College

Walters State in Marristown, Tennusree has openings for the fullowing locally conditions continued upon approved of the FY 1992-93 Budget: Positions requiring a minimum of a Master's Degree with eighteen or mute graduate semi-steritours in the leaching disciplinations enginestly as annihited institution. Three years' leaching experience preferred.

Instructur ut English
Instructor of Sperch Communication
Instructor of Speech Communication/Theatre
Instructor of Fernign Language (Spentish, French or Gorman)
Instructor of Biology

Positions requiring a minimum of a Beckelot's Degree (Mastat's pro-ferred) in the learning discipline from a regionally errordited institu-tion. Three years' teaching experience prelatived.

Instructur el Nursing (2 positions)
Instructor ul Criminal Justice (2 positions)
Instructor el Menulatruting Tarhnology
Instructor el Gell Course und Turf Caess Meneg
Instructor ol Development Education-Reading
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Chair, Ochavioral and Social Sciences Division and Faculty Monber

Review of applications will begin on Juno 23, 1992. Applications will carefule to the received until positions are filled. Required application forms and detailed position unnouncements are available from:

Director of Hunten Resources Walters State Community College Morristown, TN 37813-8899 A A/EOR M/F/D

MANAGEMENT SCIENCE

Cappin State College is no bisincically black liberal cats lour-year institution to the University of Maryland System. The College Invites opplications for full-time, sour-track position on Assistant Properties of Macagement Information Systems. Ph.O./D.R.A. to MIS preferred. ASDR., Ph.D./D.BA candidates considered.

Pisons send letter of application, vita, transcripte and three cuttent letters of reference addressed to 0r. Habit Brobe, Cheir, Department of Management Balance & Economics, Coppin State College, 2500 W. North Avenue, Baltimore, Manyland 3128, by June 39, 1882; (410) 583-5577.

As required by the 1985 immigration Act, be prepared to present acceptable documentation showing your identity and that you are o U.S. citizes or an allen who is outhorised to work in the United States. Coppin State College is an Affirmative Action and Equal Opportu-nity Employer. Minorities and Protected Classes are ancouraged to

UNIVERSITY OF ARKANSAS AT MONTICELLO Department of Mathematics and Physics

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Emory Business School Marketing Faculty

Emory Business School invites applications for a position in Marketing (effective September 1, 1993). Applicants for an advanced Assistant or Associate Professorship will be considered. We seek to recruit an individual with a proven research record and an active agenda of researching Relationship Marketing. Teaching loads and service requirements are compatible with an active research pro-

Emory University is an Affirmative Action/Equal Opportunity Employer. We especially encourage nominations of or applications from women and minority group cand

Candidates should send resumes, including identities of three references to:

> Professor Jagdish N. Shoth Marketing Area Coordinator Emory Business School Emory University Atlanta, GA 30322.

EMORY BUSINESS



CHAIRPERSON, DEPARTMENT OF MANAGEMENT AND MARKETING SCHOOL OF BUSINESS AND ECONOMICS

Fayetteville State University

Payeteville Sinte University invites applications and nonlineiter for the Section of the Section

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Office of the Dean School of Basiness and Economi Feyetteville State University 1200 Murchisun Road Fayetteville, NC 28301-4298 An Affirmative Artion, Equal Opportunity Employer Committed to the Employment of Women, Minorities, the Olsabled and Veterans.

PROFESSOR AND CHAIR Department of Biological Chemistry

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Schol Psychologist » Spacial Needs Connselus Science » Englists » Mathematics Scial Studies » Physical Extremitus » Home Economics

Condidates with Dual Certification sought ligits/Reading = Muth/Social Studies = Music/Fine Asis hitism offer competitive salaries and a comprehensive hearists page. Condidates must hald or be eligible to hald an appoint of Certification. Submit resume too phone calls, pleased who top of certification for Mrs. Florise Bryant Tholey, Superior of Personnel.

Plainfield Public Schools

CRIMINAL IUSTICE

(Sociology)

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Helementary Level:

Secondary Level:

Alternative School:

Radford, VA 24142 **COLLEGE OF EDUCATION** Plainfield Public Schools, a progressive Central NJ Urban K-12 School System, has challenging and diversified cureers available for qualified educators for the 1992-93 school year. & HUMAN DEVELOPMENT

TENNESSEE STATE UNIVERSITY

College of Arts and Sciences

FACULTY POSITIONS

The College of Arts and Sciences at Tennessee State University announces the belowing terrure-track and temporary positions for Fall 1972. Candidates should have a doctoral edgeric in the field of study, or ABO, and have the ability to teach effectively and engage in rewarch and public service.

All positions are 9-month contracts with possible extra teaching pay for the

summitty: (norganic with Environmental background, ot any area of Chem-lity) (lenue-track)
Journalism: Master, ABD or Ph.D. (tenun-track)
English: Pil.D or ABD, Composision/Rhetoric, Creative Writing, use of rom-

puters
Spanish: Ph.D. or equivalent (tenure track)
Music: Ph.D., D.M. or D.M.A. Plano (including computer), and Commercial

Musir (tenure-track)
Computer Science: Assistant/Associate Professor, teach lower-level classes
(temporary)

The Computer of Assistant Associate Professor and Assistant Associate Professor.

(temporary)
Methematics: Ph.D. Mathematics, Statistics, or Applied Math (tenure track)
Physics: Ph.D. [tenure-track]

re-track|
Applications:
Bobby L Lovett, Dean
College of Arts and Sciencel
Tennessee State University
Nashville, Tennessee 37209-1561
615/320-3497

Review of applications will begin June 18, 1992, and remain open until sustable applicant is found.

RADFORD UNIVERSITY

TINUAR TRACK, LIBRARY MIDAL. Testive checulous metallulary Sience to undergularize one planter stateful size to the state of the stat

creasingly selective admissions. Blord University is an Equal Opportunity, Affirmative Acdon Employer files and women are encouraged to apply.

Lincoln University, Pennsylvania DEPARTMENT OF SOCIOLOGY

The Department of Sociology seeks applications for a Visiting position for the Criminal Justice Program. The successful candidate must have the lollowing qualifications.

publifications

a An serned Ph O. In Criminal Justice, Criminology, m Sociology we concentration in Law, Criminal Justice, or Criminology.

Demonstrated teaching, research, and Jund-relating supersences. a Execution in Exercise Service of the Service Ser

a 1 ng nosisty to teach Lyminist utence and concept courses.

The Search Committee will begin the system process on sluby 1st and will rominist the continua the process until the position is filled. Send curriculum vitae, aborq with a cover stater including the resuste, addresses and stephone numbers of three professional references, for

eferences, fo: Dr. Robert E. Millette, Chatrperson Department of Sociology Lincoln University Lincoln University, PA 19352

Lincoln University is an EO/AAE.

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he College has the following vacanties starting in the 1492 Fall Semester

Instructor of Illsburg/Riovernment. Responsibilities include teaching Illinuity of Policial Science recurses. Maintum qualifications include M. in Illinoisy ar Political Science with 18 genduate hours in each division of Ph.D. performed. Candidate with 18 genduate hours in one distription may be

Instructor of Math: Responsibilities include teaching Muth courses, transfer and nun-transfer. Minimum qualifications include M.A. IM.S. in Muth with 18 graduate sementer hours in Muth. Ph.D pnchrred.

Instructor of Psychology: Responsibilities include teaching Psychology courses. Manustria qualifications include M.A./M.S. in Psychology with 18 graduate temestee hours in Psychology. Ph.D. preferred.

Instructor of Speech: Responsibilities include touching Speech und related courses, transfer and non-transfer. Manmum qualifications include M.A. in Speech of Msster's in related field with 18 guaduate hours in Speech. Ph.D.

All positions require undermic udvising, typical laculty committee service, and adaptability to varied students needs. Salary will commensurate with experience. Job date for all positions is August 19, 1992.

Screening will begin June 22, 1992, and will certifule until positions are filled.

Greenville Trchnied College ir a comprehensive community oillege h-carrie u surroyalina area of over (50),2011 people un upstate Scath Cam-lina. The beautiful Hucksleg beine man icus than an hort-of-ther camp-chetions and all control to the beaches at S.C. are within a harr-hart time. The sign control over A.500 students in cucili and 25,800 continuing aduction students yearly.

Minurity applicants are encouraged to apply. Sabasii rumine, transcripts, and three references in: Personnel Services, Greenvillo Technical Calego, P.O. Jan 5616, Urcesville, S.U. 29606. ECHINGErmeller Action Employer.

George Mason University Program on Social and Organizational Learning Tenure Track Positions in the following fields:

Management, Philosophy, Sociology & Computer Science (Object-Oriented Programming)

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The Program os Sodia and Organizumal Lemina, an incerdir pilears department within the College of Arts and Science real serving a result of a search on growth of the College of Arts and Science real serving a regardation of the College of Arts and Science real serving a regardation of the College of Arts and Science real serving a regardation of the College of t

professor Jack High, Director
Professor Jack High, Director
Program os Social and Organizational Learning
Robinson Hall, Room 8333
George Mason University
Fairfax, Vinglale 22030-4444

BUSINESS Assistant/Associate Professor of Business

Huron University is sacking applications for an individual to teach undergraduote and graduate courses in Marketing and Management sarring August, 1905.

Earned Doctorete in on oppropriate field required.

Ilsron, University is a private, consectant institution jocaled in Hatime, the control of the control

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FACULTY POSITIONS

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HCC IS AN EO/AA EMPLOYER QUALIFIED MINORITIES ARE ENCOURAGED TO APPLY

FACULTY POSITION Sauk Valley Community College

Seuk Yalley is a dynamic public community college located on a beau-situl 160-core campua on the Rock River. It serves a abx-county district in northwestern filliands with a population of 105,000. Enotiment is 3,000 full: and part-time credit and 1,100 non-credit at udenta in more than 50 degree and certificide programs.

The College has a full-lime tenure leack position in Criminel Justice available for tall 1992. Master's degree in Criminal Justice or closely raised field is required. Experience in lew enforcement and in teaching is des

Placement on the taculty achedula is commensurate with qualifica-tics and experience, augmented by a liberal frings benefits package. Starting Deta: Augment 21, 1992. Applications will be accepted until the position is filled.



Deen of Arts, Social Solence and Physical Education Sauk Valley Community Collega 173 IL. Rts. 2 Dixon, IL 61021

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Computer Technology: Purplat University School of Engineering and Technology as Computer of Engineering and Technology and Engineering School of Engineering School of Engineering School of Engineering Agent (1992). Application of Computer Technology for 1992-9) (Bernings Agent 1992). Application with games appreciated and Engineering School of Engine casts will teach understandant course in ona coronumications and related data processing areas. Condidates must have a strong background in business data core-mentications including research or practical tion of local and wide area networks and must have worked with optical media. Can-didates reus also, desponsarate oxeclermust have worked with ordered mendia. Con-diductor results also demonstrate occulient commendentian taking. Salary dependent on and Technology is one of setzer on schools of indiana. University. Purdes. University in plainanceful (UPU) with over a 20.00 stot specific results are a setzer of the con-traction of the contraction of the con-position of the contraction of the con-traction of the contraction of the contraction of the con-traction of the contraction of the con-traction of the contraction of the contraction of the con-traction of the contraction of the contraction of the con-tractio

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Continuing Education / Drant McLennas Community College, Dean of Confinsing Education, Hans, organizate, and direct tin Continuina Biducation Division of the college. Continuina Education Division of the college. Continuina Education Division are polis over 12,000 students annually in a real continuing continuing and continuing and on and off on purpus, a singler programments, ex-

FACULTY POSITIONS (Immediate & Anticipated)



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Innual screening of candidates will begin June 10, 1992. Send letter of application, trisume, audienses, and current relephone numbers of three references and uncafficial transcrious.

Successey, Search Committee Office of the Prendent Usrand Community College One Community College Drive Hrzard, Xentucky 4170t TR'C IS AN LTO/AA EMPLOYER



Santa Cruz County, California ANNOUNCES FACULTY POSITIONS

We ern searching for lecully to join our dedicated community of faculty and stall. We ere seeking energetic, flecible, innovative individuals who wish to join and grow with one of the most highly-respected community colleges in California.

Commanding a sweeping view of Monterey Bay, Cabrillo Collega serves a diverse district which includes the rich agriculture Pajaro Melley and the vibrant university community of Sente Cruz. The Collega is particularly interested in minority applicants wishing to help serve our increasingly diverse collega possibilities.

If you are interested in joining a special community of faculity and staff, please contact the Cabrillo College Personnel Dept., 6500 Soquel Dr., Apios, CA 95003; (409) 479-6217 for Inther Information and required applications. TENURE TRACK FACULTY POSITIONS AMAILABLE

*Counselor...Apply by 6/30/92
*Learning Cntr Coord (certified specialist)...epply by 6/18/92.

UNIVERSITY OF ARKANSAS AT MONTICELLO

DEPARTMENT OF **COMMUNICATION ARTS**

Instructor/Assistant Professor of Speech

The Liniversity of Arizanse at Monitorilo peets applications for a tensor-stack position in speech to begin larmary 11, 1993. Rth. D. orderned, w.A. to confirm generates considered. Some operations in tentifies interpreta

An EEO/AA Employe

Head, Department of Management

Polytechnic University (Brooklyn, Hawshome and Farmaghi NY) is seeking new leedership for its small but innovating bear ment of Management. We are looking for an enterprising press with experience as a transger and/or consultant in high-technology gy industrial and service businesses, as well as achievements in reaching and research.

teaching and research.

The Department Head will be expected to lead in the deviament of new teaching and research programs, including cases
programs and short courses, to develop a new greate with
Polyschnic's top-making ongineering and science, Expension
and research centers, and to strengthen this with the books
community as well as foundations and government agences.

The department currently offers Master of Science degree in Management, Organizational Behavior, and Operations Management, Decoulve Master of Science programs include Management of Technology and Telecommunications and Computing Management, was also offer a Becholor of Science degree in Orice a Becholor of Science degree in Orice a Becholor of Science degree in Orice and Management and a broad range of short graduate certificate programs.

Applications and nominations should be addressed to.

Professor A. Goorge Schillinger, Chairman, Search Commit
Polytechnic University, Six Motrotech Center, Brooklyn,
New York 11202.



JAMES MADISON UNIVERSITY Harrisonburg, Virginia

Faculty Positions

James Maditon University, located in the Sherrandosh Valley of High as highly fedicitive, sume-supposed, comprehender enforcing was a reju-toring the second of the second of the second of the second of the undergraduate conformation emphasising liberal studies. Not Liberalphia was developed a select set of high quality graduate program. James Medicion Internet high votes angles claim and provisional for Hisborita James Medicion Internet high votes angles claim and provisional for the James Medicion Internet high votes angles claim and provisional James Medicion Internet high votes and provisional James Medicion Internet high provisional James Medicional Programme James Medicional Pr

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James Madison University is an Affirmative Action, Equal Opportunity Ba-ployer and especially encourages applications from minorities and worse.

Counseling / Psychology: Indivious/Group counseling, constituing and outrach, intologs and supervision of graduate learns, Recent Ph.D./Ed. D.Psy. D. lo Counseling or Clinical Psychology, be licensed of lease-silable in Virginia as Professional Counselog or Psychologist. Prefer demonstrated committees to and apperience working with African-American popular working with African-American popular

The University of Texas at Dallas CHAIRPERSON - ACCOUNTING

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Academic Search #4013
The University of Texas at Dallas
P. O. Box 830688
Richardson, Texas 75083-0688

Succlases August 31, 1992 or when the position is tilled. The University as a Dallas is en Affirmative Action, Equal Opportunity Emps.

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Criminal justice: University of Nobrasta at Kramey Invites applicants for a full-time cost year expositional beginning August 14, 1977, within the Department of Criminal Justice. Search will appear for full-time tansare-track position, for which candidate answer-track position, for which candidate

PURDUE UNIVERSITY West Lafavette, Indiana

Purdue's Laodacape Architecters program is accepting applica-tions for a ten-month lenure-freek position at the rank of Assistant and purdue and the purdue and the purdue and a second and and a style activities. Higher snik may be considered for an individual with appropriate credenties. Salery will be based on qualifications end will be competitive. Purdue offers excellent benefits.

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GMALIPICATIONS AND APPOINTMENT; The person selected for his position must have a professional degree in Landscape Architecture plus advanced degrees preferably to the tevel of Ph.D. in related helia, with solid professional experience in practice and/or teaching, and a strong interest in the excitement of sharing professional inconfessional experience.

wan acuserus.

Applications will be received until June 5, 1992, or until a satisfactory candidate is selected. Tida position will start fell semester, approximately August, 1992. Send réaumé, vita, and appropriate portfolio to. Docaid J. Moiner, Chair - Landscape Architecture, Purdue University, 1165 Horticulture Building, West Lafayette, IN 47907-1165; pboor 317-494-1326.

PURDUE IS AN EQUAL OPPORTUNITY. AFFIRMATIVE ACTION EMPLOYER

University of Mary

The University of Mery, four-weet conductional Catholic university of 1,800 students, awines applications for the following appointments for August, 1922.

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Assistant/Associate professor of Business to reach undergenduate/graduate
courses us personaed management and business administration and sustain
the chairmanthing of the division in 1993. Ph.D. and administration experience required.

Registrer responsibilitée include supervlang and directoig fre acheduling of clanes, mastaining ecademie records, coordinating commencement, and actorpreting accésair regulations. Master's degree su d'adutaireative expe-ricerc required.

Send letter of application and curticulum visue to Office of Academic Affairs University of Mary 7500 University Drive Bismarck, ND 58504-9652

SOUTHWEST TEXAS STATE UNIVERSITY **Educational Administration Faculty Position**

Faculty Position

Faculty Position

For Management Professor Address representations and positions from the professor and profes

ILLINOIS STATE UNIVERSITY NORMAL, ILLINOIS

Tenure-Line Elementary School Physical Education Sports Medicine / Athletic Training

APPLICATION DEADLINE: June 15, 1992 or until qualified applicant is

DATE OF APPOINTMENT: August 15, 1992

RANK: Based on qualifications and experience SALARY: Commensurate with qualifications and e SEND LETTER OF APPLICATION, RÉSUMÉ, AND THREE CUR-RENT LETTERS OF REFERENCE TO:

NI LETTERS OF REPRETENCE 19:

Dr. L. Marlans Mawson, Chatrperson
Department of Health, Physical Education, Recreation and Dance
214 Forton Fieldnosse
Sanota State University
Normal, IL 0717 July 2018
Phone: 1309 438 5661; Fax: (309) 438-5559

ELEMENTARY SCHOOL PHYSICAL EDUCATION

2) Scholarship at Conduct research, direct MS theses, Involvement in acholarly protects with locality and students ID Desembase research results through released publications and parket spond presentations, sales through intermediate lavels (2) Submit Internal and organism agrees prospecials

3) Service 3 pervice Oppariment, College and University Committee membership, and involve-ment in and contributions to professional organizations

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EDUCATIONAL AND EXPERIENTIAL QUALIFICATIONS:
1) Declared degree to Physical Education
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SPORTS MEDICINE / ATHLETIC TRAINING

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 Courses in the physical education curricular program related to ethetic

training
c) Supervision of ethletic training interns

2] Scholarship al Conduct research, direct M5 theres, lovolvement in scholarly projects with faculty and students

| Disseminate research results through relevaed publications and professional presentations, state through intermetional levels

| Submit internal and external grant proposals

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Departmental, College, and University Committee membership, and involvement in end contributions to the NATA and other appropriate professional organizations.

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5) Demonstrated ability to branch affectively with Department and University oclosepase and students

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Department of Mathematics TEXAS A&M UNIVERSITY

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NORTHERN ILLINOIS UNIVERSITY DEPARTMENT OF MATHEMATICAL SCIENCES (Two Positions)

MS in motheristics education required and strong resurd of ten hing. Four course load. Apply to: Mathematics Education Instructor Position. MS in mathematics required and strong record of tenching. Four comme load. Apply to: Mathematics Instructor Position. Send application, sim, transcripts and there letters of reference to: (Specify position applying fort, etc. Professor W. D. Blair, Repairment of Mathematical Sciences, N1D, Dokalb, IL 60115-2888 by June 15, 1992, (AAFE)E.

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INIMUM QUALIFICATIONS: Mester's degree from an accredited institu-a with a graduate major concentration is reading (minimum of 18 graduate

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Candidates should have an active interest in both seathing and resert The normal leaching load is live one-semester courses and one short terminal such year. Applications, curriculum viliae, and at least three letters of selements should be submitted to:

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NULLETIN BOARD: Positions available

COMMUNITY & TECHNICAL COLLEGES of CONNECTICUT

Minority Vita Bank

The Board of Trustees of Community-Technical Colleges of Connecticut in a country of the vita or resume of interested candidates in anicipation of several new instructional and edministrative positions for the 1992-93 academic year.

In particular, the Community-Technical Colleges expect to be hiring faculy in the engineering technologies and are most interested in resumes for

The Community-Technical Colleges, e centrelly coordinated system of 12 colleges located throughout Connecticut, with credit enrollment of eproximately 44,000 tull- and part-time students, offer courses in more than 100 different career erees.

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All interested cendidates are encouraged to forward their vitas or assumes to: Kenneth G. Armatrong, Affirmative Action Officer, Board of Trustees of Community-Technical Colleges, 61 Woodland Street, Hartford, CT 06105.

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School of Community and Public Affairs

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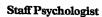
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DIRECTOR OF STUDENT LIFE Lassen Community College District

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Salary range is \$26,052-\$31,668 for 12-months. Benefits included. To be considered, contact Armende slackson, Lesen Community College District, P. O. Sox 8000, Susreville, CA 96130; Talephoos: 9161287-6181 X172; Fax: (916) 287-684. All application material must be received by Friday, June 26, 1992 4150 PM.

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Qualifications: Minimum of a Bachelor's degree and 5 Solutionations within the a Descriptor's degree and 5 years business management experience with a demonstrated service-oriented background. Salary high 30's to low 40's depending on education and experience.

Plesse send 2 copies of both covar latter and resuma by Friday, June 26th to Anne Gill, Employment Managar AA/EEO Employer



COMMUNITY COLLEGE OF SOUTHERN NEVADA

COMMUNITY COLLEGE OF SOLITHERN NEVAOA formerly Clark County Community College, North Las Vegas, Nevada.

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The Community College of So. Nevalla surves a four county area of 42,000 square miles with three companies and approximately 40 kenning creates, ASSISTANT OBJECTOR FOR SIGNING LOVELOWMENT PROGRAMS—I. ASSISTANT OBJECTOR FOR SIGNI OFFICE/PMENT PROGRAMS—I. On Inciding.

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Neterilly of Wicomb-Flatteville is an equal opportunity, altimative as rejoy and activity seeks applications from qualified minority and activity seeks.

NEW HAMPSHIRE COLLEGE

Director of Admissions Search Reopened

les laspide Collega seeks an experienced, energelic shidos priessional with a documented reach record in neut plening and marketing/admissions to guide the (despressionalmet comestic feloris. The Orecion seports are its fractions for Student Alfalia.

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Rickephije College offers salary based on experience and substitute and an excellent benefit package. Camildates five skoth tetro of application, as sume, and the name Mines, and talename tumbers of three references to Bischor of Human Resources.

New Hampahira College 200 No. River Road, Manchester, NH 03106-1045 Representation materials will begin immediately and will make until a suitable candidate has been hired. EOE/AA

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Environmental Engineering: The Environmental Engineering program of Montage Tach seeks of Ph.D. engineer for n well exhibited and environ propagation of the B.S.



DIRECTOR OF TOWER HALL

The College of St. Francis Invites applications for the position of Disector of Tower Hall. Reporting to the Disector of Residence Life, the Tower Hall Disector will be respensible for a conferidance that of 150 upper class students in well as assisting with all housing and aciditates hall disects for acreptus of ingrovationally 400 undergoducial students A best in position, the Tower Hall Disector will additionally have summent housing assportables and will essist the Director of Student Development with the additing all students.

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construction and includes a compositive salery, a three room apartment and board, plus irrelational benefits. Review of applications will begin on share all one and will confinue until the positions to filed, Application materials, foculating a resume and the normal subsequence, current addresses, and talipphose numbers of three problements abeternores should be increaded to

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LOS MEDANOS COMMUNITY COLLEGE

Director of Learning Resources

Salary \$67,884 to \$82,908 Closes S p.m., June 11, 1992

Las Medanos is a guildic cullege located 50 miles northeast of San Francisco in the City of Pittsburg.

A permaneri sentur-level managerimni position valich requires e Master's deguec in Instructional Technology or Utara ierabip and especience managing a brual range of services relaced to learning systems.

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a The Director syeroses the program of loanting resumes activities, services, facilities, employed, materials and stall. The Director is respunsible for all range of library and instructional media-dasign services and provides direction for technical support of compositional configurations. Officeror reports directly to the coolings Francisco operations. Officeror reports directly to the coolings Francisco

Fur more information and to obtain an application, call (\$10) 439–4496. Applications are due by 5 p.nr. on Thursday, June 11, 1992. Los Medanos Collego 2700 E. Leland Road Pilisburg, CA 94S65

Altractices, Women and Disabled are vaccouraged to apply.

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Preparing for the future is what we're all about. Tamorrow's lead-ers are adoly? University of North Carolina sudents. We're very round of an thistory of steepfensming on state and national by gen-erating the shape, productive minds that are so vital to the future And you can play on important part. If you'd like to play a vital tole, jain us at UNIX.

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required. Soarry rongs 3-3,4,9,4-3-1,1974. We disc a block commensurable with your experience and advancation, and a comprehensive breaks pockage. Resumes any accept to the completed applications. Fact on upplication, also provided by 19,903,200 Told Free Research Triangle Area) or 19,196,209 or a copy of temporymen Department, Office of Hall See 19,903,200 Told Free Research Triangle Area) or 19,196,209 or a copy of temporymen Department, Office of Hall See 19,503,200 or a copy of temporyment Department, Office of Hall See 19,503,200 or a copy of temporyment Department, Office of Hall See 19,503,200 or a copy of temporyment Department, Office of Hall See 19,503,500 or a copy of temporyment Department of the Copy of



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San Diego State University PROGRAM COORDINATOR HOUSING AND RESIDENTIAL LIFE

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DIRECTOR OF DEVELOPMENT College of Education

Applications and nominations are invited for the position of Director of Development, College of Education at Washington State University

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APPLICATIONS: Review of applications will begin August 1, 1992, but applications will be accepted until the position to filled. Please include a cover latter, runners strume, and the names, addresses, and phone numbers of three

Dr. Welter H. Greelch, Cheir of Search Search Committee for Director of Development College of Education Weshington State University 351A Cisceland Pullman, Wa 99164-2136

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Members of ethnic minorities, women, Vietnam era or disabled veterans persons of disability and/or persons between the ages of 40-70 are encouraged to apply

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Belmont Abbey College RESIDENT DIRECTOR

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Director of Admissions

Founded in 1875, Indiano University of Pannsylvonia is the Commonwealth's 40th largest university with more than 14,000 students. Located 30 miles not these of Ritchurgh, 10P is the largest of the lour-torn universities in the State System of Higher Education.

Applications and nonlinelines by the position. Director of Admissions, or so to being invited. The Director of Admissions, or so to being invited. The Director of Admissions is a key univarially enongement position that reports to the Associate Provosi in Acade mit Atlatins.

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Qualifications include Moster's degree: live years' experience in as admissions operation in highes education: and demonstrated uxpeti-ance in minority secutimate, succlimate monagement, marcissing, and office outeration capulaed. Strong written, verbal, and interper-socal skills are essential.

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Condidates should send letter of opplication, telesime, and the names, addresses, and phose numbers of live cannot missences, one of which mest be your current supervisor. Application replateds should be sont to:

to:
Chair, Office of Admissions Search
Office of the Associols Provest
359 Sulton Hall, IUP
Indiano, PA 15705

Review will begin lunn 10, 1992, and continue until position is filled. UP is an Atlinmotive Action, Equal Opportunity Employer and is com-mitted to diversity as an aducational priority. Women and minorities are encouraged to apply.



Alumni Advocacy/Program Leader **OREGON STATE UNIVERSITY** ALUMNI ASSOCIATION

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Associate Director of Admissions (Marketing/Management) Two Positions

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interested randidate should send a résumé and letter interest by fine it, 1992, la Vice President for Enrollment & Student Services, Beldit Cultge, 8clott, WI 53511, No telephone calls please! The position will be available July 1, 1992; Beloit College is an AAEOE Employer.



F airlisid University hee an opening in the admission office beginning July 1, 1992. Candidates for the positionmost be lamillar with the nature and aims of a selective Jesui University and must be able to siticulate these qualities to suddent, premis and guidance personnel. Candidates must possess a E A of 83. degree. A full renge of admission responsibilities includes inter-viewing, travel, and an active role in decision making. Pits admission experience is preferred and a valid driver's licensels

interested candidates should send a letter stating their inte along with their resume by June 15, 1992.

Devid M. Flynn, Deen of Admission Feirfield University, Feirfield, CT 08438



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MLETIN BOARD: Positions available

Marquette University Office of Student Life PROGRAM COORDINATOR

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Mc. Mark D. McCorthy Associate Dean of Students Marquette University W. Wisconsin Aveure, Boun 329 Milwankee, WI 53233

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STUDENT ACTIVITIES

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DIRECTOR OF PLANNED GIVING

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Lyola Cullege Is odynamic, highly selective Jesnil liberal arts college offering bacvalaureais and master's programs in its College of Arts and Sciences out fits Science 18 and the Science and Management. The College has attentilment of 3,100 undergadants evadents and 3,000 guadants students on the located in to beautiful productinal section of Baltimore. Send Introductory letter, return on Universities return to sending send introductory letter, return of all litting of four profess topical returners to: Michael J. Coff, Vice President for Development and Cullogs Relations, Loyol College in Maryland, 4501 N. Charles Street, Ballmore, MD 21210-2590. The review of applications is in progress.

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MISSISSIPPI STATE UNIVERSITY PROGRAM COORDINATOR

The Holmes Cultural Diversity Center

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Ferred.

The control of application and three latters of reference should be sent to the notices below. Applications will be accepted through June 20, 1992, to smill the position is liked-thance forcested. Committee Program. Control Diversity, Center The Fraguette Control Diversity, Center The Mustatophy Stee Lurbersity P. O. Dawer 677.

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INFORMATION CENTERS

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DIRECTOR, STUDENT COUNSELING SERVICE

Iowa State University

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consulting service. Must be liceosed or liceose eligible by the State of toward consulting services where most approximent, evaluation services consulting services and services are serviced as leaver years of \$33,000. Salary will be competitive for a comprehensive solventier.

Applications Send intere, feature and counter sort selephone causions of their references to Chair of Service Chamilton, Office of the Vice Freeders for Sudoca Affairs, 311. Basedober Hall, loss state University, Amer., In Soil 1. Services lips point july it applications excepted until position to filled.

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Ubenye Library Olreciae for new technical college to develop new library/learning resource canter. Qualifications: ALA-accredited MLS; administrative experience as the post-secondary lavel preferred, demonstrated interpressonal and communications.

gandolph-Macon Woman's College

DIRECTOR OF

PUBLIC RELATIONS

AND COMMUNICATIONS

position Nomen's College seeds a person of creativity and assisted the College's efforts in public relations as a communication of the college's efforts in public relations as a communication of the college's efforts in public relations.

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Sames C. Kughn, Jr.
Sames C. Kughn, Jr.
Israel for Development, Adsulssions and Public Relations
Bandohp-Nacou Woman's College
2500 Rivermont Avenue
Lynchaus, Winglaia 24503

ADMISSIONS POSITIONS Hobart and William Smith Colleges

HOBART COLLEGE
Associate Director of Admission

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Admission Doubled in 1982, Hubart currently enrolls 1,000 marrard we coordinate with William Smith College (1950 women). The Colleges, heated in General New York, uniterpate a combined first year class of 500 subcided from ap-pression only 1,000 applicants.

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Source available july 15, 1992. Please send letter of application and importing trechantals, as well as the names, additises and phone numbers of their recontinenders by June 15, 1992 to

Leonard Wood Director of Admission, Hobart College Genes, New York 144%

WILLIAM SMITH COLLEGE Amistant Director of Admissions

William Smith College nivires applications for the position of Assistant Bire for of Admissions.

Here for of Admissions. Lounded in 1988, William Smith currently entrils 850 women and is coordinate with Hobert College (LOO men). The Colleges, Josefed in Geneva, New York, strangute a combined first year class of 500, selected from approximately A,000 application.

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Mara O'Laughlin Director of Admissions, William Smith College Genevs, New York 14456

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Associate Director of University Development College of Business Administration Tennesese Technological University

The Associate Director manages in College of Business Administra-tion's Bund-sialing program which emphasizes major gifts. Other no-posabilities included appraising the annual bund, developing as ex-posabilities included appraising the annual bund, developing as ex-posabilities includes a superior of the property of the object of the one years of business management experience and nonvolege of the years of business management experience and nonvolege of one years of business management experience and nonvolege of overlopment asportability. Business of years of the property of ceredipters of the property of the property of the property of view of the property of the property of the property of the view of the property of the property of the property of view of the property of the property of the property of the view of the property of the property of the property of the Michael Poux Director of University Development, TTU, Box 8047, Colorinta, 148 386. TTU is an AMED amployer.

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UNIVERSITY OF ARKANSAS AT MONTICELLO Assistant Men's Basketball Coach/

Resident Director

Litters and Heroportibilities, Responsible for existing the mon's head bedies-ball couch in all plants of competing on the my, coulding retailing, and the confidence of the country of the country country, retailing, and read-demic country. The position side to relate the competine men-nagement of the retailence like program in a half of 15s moderite. Duty were programming, countries great members of the country of the programming, countries great members of the countries of the read-dependent plants of the countries of the countries of the countries of the read-dependent plants of the countries of the countri

Ramuneration: \$16.000-\$18,500 [12 month position] Position includes an apartment, meal plan, and university benefits

Applications Submit letter of application, résumé, and names, addresses ont telephone numbers of references to:

Lawreece Smithmeer Athletic Director P. O. Sex 3066, UAM Mosticallo, AR 71655

n will remain open until illed. Initial review of applications will begin

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AN EEO/AA EMPLOYER

ASSISTANT DIRECTOR OF STUDENT ACTIVITIES



Position swilable July 1, 1992 for an Austrani Director of Student Acadetes, beld-shid will direct and solved Student Voluntary Survices, easiet in meeting to beld-shid will direct and solved belder operations, conclused the communication of the solved solved by the solved s

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Coordinator of Reference Services

COOrdinator of Reference Services
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UNIVERSITY OF CALIFORNIA, LOS ANGELES

ASSOC. DIRECTOR. Executive and Fully Employed MBA Program

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appuration, resume, and list of at least the Mn. Elens Marenies Director of Personnel UCLA Andersos School of Management Room 3320 ACSM Los Angeles, California 90024-1481

J. A. W. A. 180 ■ Deputy Superintendent of Schools

This 12-month position jeffective July 1, 1992, requires an individual possessing a NJ School Administrator's certificate; obvanced degree in education or related field; and Central Office experience as Assistent Superinendent or Direction of Curriculum. Salary: nego tituble.

■ Supervisor of Secondary Education This 12-month position (effective immediately) requires an individual possessing a NJ Supervisory certificate, and minimum librue yens-experience as Special Education Teacher or Child Study Texass member. Salary Ranger 356,910 to 368,322.

Positions offer a comprehensive henefits package. Interested and qualified candidnies should submit resume, copy of en-tification and degrees, two felters of reference and a one-pag-statement of educational philosophy by Jame 5th, 1992 to Mrs. Eloise Bryant Thiley, Supervisor of Personnel.

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PROGRAM SPECIALIST Department of Conferences & Institutee Plainfield Public Schools, a progressive Central NJ Urban K-12 School System, has challenging and diversified careers available for qualified administrators for the 1992-93 school year. DIVISION DN CONTINUING STUDIES

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Director of Administrative **Information Services**

Juniola College weeks a Director of Administrative Information Services as of July 1, 1992. The Director has operational responsibility for all aspects of the administrative computer system on oversect selection and rise of departmental hardware and software, implements colleges on the control of the cont

Per network.

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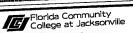
Janualo is a selective private liberal arts college founded in 1876. The
College is located in n heoutiful area of central Pentity/vanis, and
curolis 100 students.

UNIVERSITY OF IDAHO

Director of Engineering Outreach Program

The University of Idaho Ivoties copilizations for the position of Director of Engineering Outrooth. The Outrooth Forgome olderings rouge from grounds designes in engineering and synchropt to non-consideration of the Control of the

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Directur of Housing and Residential Scrvices

University of South Carolina Columbia Campus

The Division of Student Atlains at the Uniterrate of South Carolina Invites applications and numinations for the new position of Director of Housing and

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■ To rapply, send in letter of interest, a curront resume, and three letters of velerence by just 15, 1992 to Dr. Charlenn Drivis, Director of Frontlinens Management, Lieber College, Universally South Carolline, Christmas, S. 27 2803. Initial serview of a pplicasts with be in last june. A start spared hire data to July 15, 1992. USC as a Manusch Arten, Gard Deprenetaly Velenia.

KEUKA COLLEGE

Director of Experiential Programs

Keula College emphasizes experiental aducation in and out of the class-room. We are celebrating the Shit authorstary of the Field Period, a four-week offe-ampia learning experience required of every student very year. We when student learning by doing and uniting a rapid transition from

theory to practice.

We safe a Director to brall and condense one Field Period, wadest analysis of the Condense on the Field Period, wadest analysis of the Condense of the Field Period, was chope core flower out that its patient often practice; never others, and enhance their period and seedenic growth. The Director of the Condense
recurrer students' transition to the world of work.

The Director has an administratore appointment with farmly rank, is responsible for planning, budgering, and supervision of staff. The Director reports to the Academic Dean.

Required: Advanced degres in a discipline appropriate for featily appointment of monarcraf ability to work with featily; excellent communication with featily; excellent communication and organizational shills. Doctories prairred. Experience in experiential coloration and college tentining highly desirable.

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College of

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DIRECTOR OF RESIDENCE LIFE

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Assistant Director of Student Activities

INIVERSITY OF HOUSTON - CLEAR LAKE

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UNIVERSITY OF MAINE

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AFFIRMATIVE ACTION EMPLOYER

Illien Holme Disector of Student Activates University of Houston Clear Lake 270xt Ray Area Boules and Houston, Texas 77058

Program Manager for The Illini Union University of Illinois at Urbana-Champaign

Applications are now being accepted for one Program Manager posi-tion for the Illini Union at the University of Illinois at Urbana-Cham-

program. Litaragors are membors of the Program. Department and 1-port directly to the Associale Director for Programs. Areas of responsa-bility for the bury Program Mangers include such exturities as Morn Day Tashen Show. Dad's Day Varioty Show, crall less, blins, sit gai-lory at select, treelingues, Block of Chairrag section, celendar book, concords, lectures. Fell one Spring Massacias. Culture Events Commit-ted. Doubgo Day, and Telephone Fair.

Isex, Collego Bowl, and histonetional Fair.

As an edivider to Suddent viorintees, Ino Program Menegor works closely with membars of the film full full for Boord, providing from with: safety overlapment; program planning and administrations and on-site developes, the Program Georgian Conditions and program coordination. As a menager of programs and budgest, the Program Menager menianes complisit exercis for relative to the control of the program of the

quied. Minimum Quelitications: BA required, plus two years' expanence in student activities programming as a student or prolessionel end pos-sossion of a gonuine commitment in mitticulturatum. Experience in a college union/student setivities setting is preferred. Ability to relete to end work with diverse students to assential. Position is full-time with a starting date of August 3, 1992. Salary commonaurole with experience.

in order to ensure luti consideration, a tatter of application, resume and three follows of reference should be sent to:

Ivoi Emmanuel, Cheir Program Managor Search Commiltoo University of Illinois 204 Illini Union 1491 West Green Strent Urbene, IL 61801 (217) 244-8332

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The Illini Union



Seeking a viral, experienced individual to direct Gift and Estate Planning Programs. Will be a tensus professional in the Capital Gifts and Endowments and and a member of the Virter Perioding for Underwrity Advancement's and and a common of the Virter Perioding for Underwrity Advancement's richally be slightly different learners and demonstrate high levels of renegy and minturer. Ads., both olds here from the receipt comparing the one of the programs of the programs of the Virter and Capital Gifts and an expert on travel extensively. Scale lattice of unquery and releases by June 1, 1972 and of unquery and releases by June 1, 1972 and of unquery and releases by June 1, 1972 and the Virter and Capital Gifts
Mrs. Dorothy H. Biwes Director Development Programs

MU Marquette University 1212 West Wisconsin Avenue Milwsukce, WI 53233

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ASSISTANT REGISTRAR

Raritan Valley Community College

To assist in oil responsibilities associated wish the Registrar's functions, including preparation of master schedule, maintenance of scademic records, verifying acertemic attacking for graduation, acc.

Master's degree in Studeor Personnel Services or a related field preferred, bachelor's degree required as well as prior experience in an Admissiona oz Registrar's Office.

Send letter of application & résumé to be received by 6/9/92 to: Personnel Office, Rarius Valley Community College, P. O. Box 3309-C, Somarville, NI 08876. AA/EOR

three letters of recommendation, and of vid-co tapes (applied performance and concert/ macrines), and supporting material to: Dr., macrines, and supporting material to: Dr., Mutst., Arkwinas State University, P. O. Box 779, State University, Ara Ora 72477, Applications reviewed tune 10, 1952 until position in Billed. AA/EOR. Music: Strings thatf-time position with additional half-time in community Sozale measurem. Musici's degree required, Pa

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EMORY UNIVERSITY Office of Greek Life

COORDINATOR OF GREEK LIFE Residential Programs and facilities

DIRECTOR OF DEVELOPMENT

The Nature Conservency invites applications for the position of Direction of Devel-opment. The Director, based in Antagron, UR, is neponsible for the owerall direction and meagement of the Nature Conservency a fund-institute programs, with major emphases on implementing a \$300 million campaign and providing support to the one-graphing development programs of the Conservency if resedigua-

are into network of state entrapers. Qualifications indicate sight + years' experience in development, with specific experience in major glid development/expairs campatigns and messegarment within experience in major glid development/expairs campatigns and messegarment within the contract of the cont



DIRECTOR OF STUDENT SERVICES COLLEGE OF ALLIED HEALTH Charles R. Drew University of

Medicine and Science

The College of Allied Health seeks a dynamic, innovative individual to direct its complex Student Services program. The applicant should have a wide range of experience providing student services to a multicultural disadvantaged

Minimum bachalor's degree. Master's preferred in student personnel or raiat-ad field. Significant experience in working with students from disadvantaged

Charles R. Drew University of Medicine and Science 1621 E. I 20th Street Los Angeles, CA 90059



Coverage of breaking news that affects higher education—from state capitals, academie conferences, and

every week in The Chronicle.

SOUTHERN CONNECTICUT STATE UNIVERSITY

Director of Health Services

Applications are invited for the position of Directors of Hubbs Services Scattern Connecticut Strut University, Locards in historic New Heart, See University of Hubbs Services, and Connectical Strut University of Hubbs Services and Authoritical Services Services and Instruction Services
QUALIFICATIONS: Five years of experience in the private practice of med-cine or health care administration, on M.D. and the shifty to obtain Con-necticut licensure are required.

necricul accessors are respured.

The position is a twelve-month administrative appointment with a highly compenitive stary and an excellent benefit package including full thion waivest in the Connecticu State University System for the employer, enployee's spouse, and unstarried dependents under age 23. Deedline for receipt of letter of application, résumé, and a list of three saferences is June 12, 1992. Send to:

Roger J. Bergh Executive Dean Engleman 136 Southern Connecticut State University 501 Crescent Street New Haven, CT 06515

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Walissity Cottage is sasking a Director of Financial Aid. Responsibilition will insulate developing and implemented policias and sprocedura necessary to permote and ashace objects and the second of
Requirements: Mester's Dagree with 5 years' direct financial sid experiente. Proven ability to administer as office, supervisa, select and train e staff, and administer alenated sid budgat of approximately \$15 million (in P293 dellar). Must be computer literate and familiar with financial sid software programs.

finierested, send sover letter end resume tot Pairisis L. Basque, Manager of Employee Releiloes, Weller-ty College, Wellestey, MA 92181, or fax information \$17) 235-7255, by June 12, 1992.

Wellesley College especially welcomes applications from ethnic minorities and women.

Wellesley College

Webster

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Director of Housing & Residential Life Webster University seeks an experienced housing afficer to oversee its residential to programs. This is a live-out position. Duties include:

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DIRECTOR OF DEVELOPMENT ALUMNI RELATIONS

Dans Hall School acels a Director of Development and Alurmas Relations to assume this position no later than mul-july. Dans Hall is an examine this position no later than mul-july. Dans Hall is not an pass in Wellesley, Massachusetts, 20 miles were of Boston. Founded in 1881 as a preparatory achool in Wellesley College, the current readiment ut 209 includes students from 20 foreign countries, 20 states, and the Boston near.

the Busican saws.

The Disector of Development reports directly to the Headmixtress and is responsible for all fouré-aissing and alturaine relations programs. An international program of development, relational programs and the proposition of the publications and public relations. A become edgere is required, reported to the proposition of the proposition of the publication and public relations. A becommerce degree is required, responsible to the proposition of the publication and public relations. A becommerce degree is required, responsible to the proposition of the publication and public relations. A publication of the proposition of the preposition of the proposition of the proposition of the propositio

Salay is commensurale with experience and reaponabilities. Dana Hall School is an equal opportunity and silimative action employer. Send letter of application, current vita, and three professional as features by June 15, 1992 to:

Associate Director Global Studies Research Program University of Wisconsin - Madison

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Wisconsin State Open Records law allows for the release of all names, titles end/or occupations of applicants for all UW positions.

Director of Research Webster University

The Director of Remarch will be responsible for providing the background internation remoted to carry out development and bund-nating programs for the provided to carry out development and purely and the provided for the provid

Qualifications include a Oachelor's degree, a knowledge of prospect re-search techniques and resources, and osperience with lund rating and de-velopment.

volopment.
Please aend résumé and cover letter to:
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Webster University
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St. Louis, MO 631 [9-3194

foundation grants, and private gifts to eolleges and scholars -

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SOUTHERN CONNECTICUT STATE UNIVERSITY

Director of Intercollegiate Athletics

Application are moved for the motion of Occasion of Johnson Assignate Older read Statebern Connecticut state University Locasied in Instance New Insecti-tion (Johnson of Connecticut State University) Locasied in Instance New Insecti-tion (Johnson of Connecticut State University) Locasied in Instance New Insecti-tion (Johnson of Connecticut State University) Locasies (Johnson of Connecticut Insection of Connectic Insection of Connecticut Insection of Connecticut Insection of Connectic Insection of Connecticut Insection of Connectic Insection of Connecticut Insection of Connectic Insection Insection of Connectic Insection of Connectic Insection Insection of Connectic Insection Insection Insection Insection Insection

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Deathins for receipt of letter of application, résume, and a list of three references is June 12, 1992. Send to:

Martin I. Curry Executive Dean's Office Engleman 136 Southern Connectical State University 501 Crescent Street Naw Haven, CT 06515

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EASTERN KENTUCKY UNIVERSITY



AUTOMATION LIBRARIAN

Reperatible for planning and implementing an automated liberay gates (NCI), and various design with computer caster personnel, years (NCI), and various, coordinating user always and training, and providing microcomputer and lescommunications support arrivates for bitrary.

Qualifications: ALS from on AA accerdibile tileray, who of, a minimal of a person of an anapartical experience, line in an automated library arriveness, in Lauding algorithms, provided and in the cast of planning of the computer of an anapartical experience, the cast of planning and analysis of the computer of the

May 31, 1993.
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PUBLIC SERVICES/ TECHNOLOGY LIBRARIAN

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ling date is July 1, 1992.

Applications will be accepted until satisfable candidates are found. Oard letter of application, Security and three instance of projectoring application, Security and the security of the projector of

QUINNIPIAC COLLEGE

Music: Tenure-truck position bestoming Pull, 1992, lostructor or assistant professor of music theory and narrowslon. Additional

UNIVERSITY OF SCRANTON

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Assistant Director of

Admission/Coordinator of

Minority Student Recruitment

he Undergradusie Admission Office at Fairfield University is seeking qualified applicants for Assistant Director of Admission/Coordinator of Mironity Student Recularizant Powers to Not to these years admission among 6 Bachbert 2 Dage spise to to the test and the same of the Coordinate of the Coordin

Application Deadline: Until the position is filed. Starting Defa: July 1, 1992. Please lorward resumes to:
Devid M. Flynn, Dean of Admission
Fairfield University, Feirfield, CT 08430

FAIRFIELD

WHATCOM COMMUNITY COLLEGE

Bellingham, Washington

International Education

Whatcom Community College, located on the Pacific Rorthwest Coal between Seallie and Vancouver, Brillish Columbia and decidated to student-centreed teaching and learning, in seeding spigicans for a student-centreed careful coal learning, in seeding spigicans for a consistent of international Education, tile key person in providing land control of the control of international education program. The program careful has foliated international education program. The program careful has foliated national students, plus 13 students in an internative 25, program. Califications: Maker's decree, two versors of celeder professional control of the control of the control of the control of califications: Maker's decree, two versors of celeder professional control of the control of the control of control of the control of the control of
Qualifications Master's degree, two years of related professional epictures of called professional epictures of called professional epictures of called professional experience including program administration, knowledge of imalgation law, proven ability to work effectively with international administration excellent communications shills, and experience in program development.

Whatcom Community College is an Affirmative Acidon. Equal Opportunity Europeyer.

Salary: \$28,000 to \$30,000 depending on qualifications. Por besi consideration, completed applications should be reach June 26, 1992. To obtain application packet, contact: o obiała application packet, comac Cliff Backe, Personnel Difficer Whatcom Community College 237 West Kellogg Road Bellingham, Washington 96226 206-676-2170

Director of

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Salary: Competitive and negotiable application: Send letter of application, résumé, salary history and require-sants, and the names of three references no later than Juna 12, 1992 to: Director, Pamonnal Sarvicas
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800 Linder Streat
Scranton, PA 18510-4679

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Office of Undergraduate Admissions **Assistant Director Of Admissions**

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HEAD OF LIBRARY AND INFORMATION SERVICES

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Dr. John S. Wodarski, Director Springfield Cullege Master of Science in Social Work Program 263 Adden Street Springfield, Mussachusetts 01109 MAFFIRMATIVE ACTION EQUAL OPPORTUNITY EMPLOYER & EDUCATOR



ASSISTANT TO THE DEAN GRADUATE DIVISION

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MUSIC DIRECTOR, WGLT-FM ILLINOIS STATE UNIVERSITY

Normal, Illinois

a Mid level manager for music and cultural programming of NP8 affiliate serving crustal lilinois. Responsibilities include music selection, library maintenance, unmounter supervision, moord company relations and on-air work.

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Walden University Institute for Advanced Study

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letter to:

Dean for Academic Administration
Ms. Mary Mishler
The Welden Building
1 University - Inabilities for Advance
Minnespole, MN 55401

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Collection Management Coordinator for Literature

Available August, 1992

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Stevens Institute of Technology MANAGER OF STUDENT HOUSING

This position reports directly to the Director and is responsible for management of the administrative and operational aspects of the Student Housing Dept to assure that the lacities see operated in a sale, clean, efficient, and committed immorth. The \$1,00,000 deposition created of on-Campus and off-campus residence halts, housing up to 1100 undergraduate and graduate students.

The position includes responsibility for staff, student and custodial supervision, housing assignments, budget management, maintenance and facility opera-

dons, and summer and guide conference operations. The successful candidate will be highly meditated, deciliationered, available in the conference of the co

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DEAN OF BUSINESS SERVICES

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SHIPPENSBURG UNIVERSITY

Assistant Dean of Admissions

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DEAN

College of Library and Information Services

UNIVERSITY OF MARYLAND AT COLLEGE PARK

The University of Maryland at College Park invites applications and nominations for the pressum of the Dean of the College of Library and laformation for the pressum of the College of Library and laformation of the College of the Park of the College State of the College State of the Park of the College State of the Park of the Park of the College State of the Park The position will be available after July 1, 1992; the starting date is negotial

The Bean is the chief executive offices of the college and topots to the Provost of the College Park campus. The Bean is expected to provide candenic and aliminist rative leadable, unfoldant the institute of the college, facilitate the estables of research, cannot the resource base, and emergically advante the college within the university and to the professional community at all levels. The position is a tenured academic appointment.

An applicant for the position should prevent a record of achievement that include demonstrated leadership, a commitment to collegial government, harmwidelige of litherary and administration scene education, on standing secondly-liment in areas relevant to the college, and a commitment to academic excellents.

The salaty range is \$85,000-\$110,000.

The College Peak campus, the flagship of the University of Maryland System, is located in a suburb of Washington, D.C. and is the site of "Archives II, the major extension of the National Archives."

Fur full consideration, please subgitt your application by September 15, 1992. Send letter of application, richalled correlation vites, and annes of

Dt. Richard II. Hermat, Chair CLIS Dean Search Committee 2300 Mulhematics Building University of Meryland College Patk, MD 29742-4021

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Nontinations and reasones should be sont to: Jeannius Curns, Vice resident far Administration, Holdelberg College, Tiffin, Oldo 44883. Huldelberg College is sa equal opportunity, affirmative actic

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LEES COLLEGE



Dean of Student Affairs

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APPLICATION PROCESS: Applicants should send a letter, récumé, and the names and lettephune numbers of three references to:

Dean of Student Affairs Search Office of the President Lees College Jackson, Kentucky 41339

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COORDINATOR OF TECHNICAL SERVICES LEARNING RESOURCES CENTER

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LEES COLLEGE



Dean of Academic Affairs

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FAIRLEIGH

UNIVERSITY DIRECTOR/DEAN OF CONTINUING EDUCATION

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Requirements: Master's degree and appropriate experience Send resume, cover letter and names of three references by June 22 to University Employment Office, PC-9, Fairferigh Dickinson University, 22 Montress Assence, Rutherford, NJ 07070.

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CLARK ATLANTA UNIVERSITY **Dean of Student Affairs**

(Search Reopened)

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THE UNIVERSITY OF CENTRAL ARKANSAS

Associate Dean of Students/ Director of Minority Affairs

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DEAN OF THE **SCHOOL OF** MANAGEMENT

The Stets Lithwestly of New York at Buildo Invites applications and nominations for the position of Daxin of the School of Management. An AND Institution, the Undersety as foliable in the largest and most comprehensive campus of the Steat Bushwesty of New York Steat Ste

lastemet. The School of Managemant currently annols 1,050 undergraduata mu-jors, 175 in the M&A programs, and approximately 18 °PLO students. The undergraduata and M&A programs are thly accredited by the ACCS. Including Accounting programs. The accidence programs of the depart membra are approprieted by 58 flit-the accidency. In part unit extensity, and administrates staff membrars. The School abox law returns a support programs. Pethage not varied because the staff of the programs programs and varied to the programs and the programs are the programs and
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Applications from members of minority groups and women are encou

consideration of candidates will bagin on june 24. After that date, appli-tions will be considered until the position has been fillad. All nomina-is, applications, and laquities should be directed to:

Or. Ronald H. Stein Or. Ronald H. Stein.
Wanagemen Oaaa Search Committee
a President for University Relations
Ualversity of Buffalo
S03 Capen Hall
Buffalo, New York 14260



UNIVERSITY AT BUFFALO State University of New York

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DEAN OF STUDENT DEVELOPMENT AND RESIDENTIAL LIFE Arizona State University

THE UNIVERSITY, localed in the city of Tempe in ingligopolian Phoenix a cosmonolitan culturally disarea of approximately 2.5 million people, invites epplications and nominations for the position of Doan of Student Development and Residential Lilo. ASU is a major research and multi-campus university compused of thitteen colleges, with a population of approximately 43,000 students

RESPONSIBILITIES Reports to the Vice President for Student Affairs and performs work related to planning, administration, and suppression of student development administration, and supervision of student development of student affairs

DUTIES Directing Residence Life's major functions. planning, developing, and promoting residential environ-ments; managing all phases of Residence Life's budgets, consuring opportunities for student resident involvement in decision-making and advisory support to residence half and Greek student government, overseeing administrative and program support for University-approved Greek organizations, managing functions and units (such as student leadorship and student organizations), ovarseeing the University Child Care Center, advising end assisting the Vico. Prosident for Student Allairs and other University administrators on all student development metters; suo vising Student Alfairs' rosearch function; promoting the principles of affirmative ection and oqual opportunity.

MINIMUM OUALIFICATIONS: A Doctorele Dogree in Collage Student Personnel, Higher Education Administra-tion, or related field, plus e minimum of six years experience, consisting of all least three years experience in administra-tion of e comprohensive Residence Lile Department, and at nonci e compronensive Hescence Lie Department, end et leest linte year ol progressively responsible here edministrative expenence in Sudent Affeire, pr e Master e Degree in College Student Personnel, Higher Education Administration, Counseling or related lied; plus e minimum of eight years experience, consisting of al leest live years expenence in the administration of e comprehensive Residence Life Department, and at least three years of progressively responsible line administrative experience in Student Affairs.

COMPREHENSIVE KNOWLEDGE OF: Student develop-ment, human development, and counseling, university housing organizational policies, practices, and educational development; Student Affairs Administration; budget formulation, execution, and control management philip and practice appropriate for a large urban university. Skill in establishing and maintaining effective working relationships. with on end off-campus constituencies; skill in written end

COMPENSATION: Hiring range \$49,847-\$84,802 DOE Position available July 15, 1992.

APPLICATION: Mucl be postmerked by June 12, 1992. Please submit full resume and names and addresses of tivee professional references to the Emptoyment Section, Human Resources Department, ASU, Tempe, AZ 85287-1403. JO#7/1910. AA/EOE

ARIZONA STATE UNIVERSITY

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SCHOOL OF CONTINUING EDUCATION Assistant Dean for Advising and

Student Services

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will perform outreach to community and jumor colleges. Meter's degree rejurned. Adoming talk and experience necessary. Previous experience in higher education, especially addit communing volucation, desirable. Since estimates are likely accompanion of the community of the com Dualified applicants should submit a letter of application and résinne by June 12, 1972 for

Len J. O'Flara, Ph.D. Dean of the School of Continuing Education Providence College Providence, RI (2018

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California State Polytechnic University, Pomona

ASSOCIATE DEAN

College of Business Administration

Cal Poly, Perma Invites applications and nominations for Associate Data for Administration. Using oil Studies of Arithmetics. The College of Studies Administration. The College of Studies Administration. The College of Studies Administration of Associate Competential of Associates, Competent Invited Studies and Law, Management and Natures Resources. Marketing Martines, Resources Audigating, Leithes planning, studies and Law, Management and James Resources Audigating, Leithes planning, studies and search and several based of the Associated and Leithes. The College has an \$8.5 million based, at diverse faculty of our \$10.05 de a not before purpose and 25 support devices.

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n and addisonal information, contact: Associata Dean Search Committee College of Bustness Administration California State Polytechnic University, Po 3901 West Temple Avenue Pomone, CA 91768-4082 Cal Poly is an AA/EEO Employer



Assistant Dean of Admissions

Amherst College, a private, coeducational, liberal arts college lounded in 1821, has an opening at the Assistant Oean of Admission level beginning in the summer of 1992.

no eximine of 1992. Candidate must be lamillar with and supportive of the mission of a selective liberal art college, A Bachetor of Arth Degree is required, and some admission of the properties of the profession of the properties of the propertie

Candidates should send a letter, résumé, and the names and addresses of three references by Juna 12, 1992 to: Iane Reynolds, Dean of Admission, Wilson Admission Center, Amberst College, Amberst, MA 01002.

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A calendar of forthcoming meetings, conferences, workshops, and institutes of importance to scholare and college

every week in The Chronicle.



DEAN, SCHOOL OF **BUSINESS AND ECONOMICS**

Fayetteville State University Fayetteville, North Carolina

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The Dean of the School of Business and Economics will be responsible for the administration of all aspects of the graduats and administration programs and aconomics and will report to be Vice Chancellor for Academic Alians.

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SALARY: \$65,410

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ALETIN BOARD: Positions available Issociate Dean for Academic Affairs

FLORIDA A&M UNIVERSITY/ FLORIDA STATE UNIVERSITY COLLEGE OF ENGINEERING

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habitand Students supportised Student Activities, Health feld Counseling Carriat, Orionalation, Handicappind Ser-res, Green Planning and Placement, and oversees the februaries System. The Dean of Students reports directly to be Von Praident for Student Allars.

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Rev. John J. Shee, S.J. Vice President for Student Affeirs McGinley Center, Room 205

ORDHAM Fordhem University Bronx, New York 10458

NRDHAM UNIVERSITY

ASSOCIATE VICE PRESIDENT FOR ACADEMIC AFFAIRS

Cameron University

The University: Common University, Instable in Latento, Okishones, a city of 90,000 in a state supported regional university will a prisery service press which includes always counties in Southwest Challents Fonditional to approximately \$1,000 with bacasteness degree allowed in the control of the properties of the control of the contr

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Qualifications: Preference will be given to candidates with a doctorate and supplience as a leculity reaction and scedemic administration. Knowledge of the instance all gendules programs in a regional university and the tale of a redenic research in such institutions is a necessary qualification. Candidates with experience in education plausing will used be given preference.

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Associate Vice Chancellor for **Financial Management**

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LAMBUTH UNIVERSITY

Vice President for Business Affairs

Lambuth University invites nominations as well as expressions of in-terest in the position of Vice President for Business Affairs.

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Expressions of nomination or interest abould be forwarded to: of nomination or interest amount ex-Cheirman, Search Committee Vice President for Business & Ifalra Box 449 Lambuth University 705 Lambuth Boulevard Jackson, TN 26301

Desdiine for applications: June 19, 1992 Lambuth University is an EOE/A A/MF amployer.

preprint to: David Locust, Search Chair, University of Oklahome, Department of Educational Psychology, 200 years of David, Norsen, Oklahome van Oklahome Wenne and molecular Oklahome some word of the Chair of the Wenne and molecular of the Wenne and molecular of production of the production of the production of the Europeys: The Labrarity has policy of being responsive to the needs of dual career cought.

NCAA

Group Executive Director for Public Affairs

Reports to: Chief Operating Officer

Positions Directly Supervised: Assistant executive director of communications, assistant executive effector for publishing, assistant executive director for the Visitors Center and special projects, sendo security director for the Visitors Center and special projects.

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Basile Function: To serve with the executive director, the chief openating officer and the other three group executive directors as the management group in the nothinal differ. Supervive the communications, publishing and Visines Centurispecial projects stalls.

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Adulty to wait weed with diverse groups in Individuals and interest number of the standard openitors.

gouips. 9. Experience on a senior management feam. To Apply: Send letter and résumé no later than June 15 to: Thomas W. Jerastedt, Chiof Operating Officer, NCAA, 6201 Cullege Boulevard, Dwelland Pois, Kannas 66211-2422.

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Richburg State Colege is currently accepting applications for the position of associate vice president for seedemic affairs. A four-year public college of thems arts and professional programms, Richburg State has a full-time undergraduate annothment of about 3-4,00 k is located in the North Central part of Massachuselts, 50 miles from Boston.

The associate vice president is responsible for the planning and direction of ell scademic programs in the two distinct areas of graduate etudies and continuing education.

Candidates must hold an earned doctorate degree. Salary commensurate with experience, Sand cover lotter, resume and references by June 19, 1992 to Personnel Office, Fitchburg State College, Fitchburg

"The Uncommon Public College"



BRADLEY UNIVERSITY

VICE PRESIDENT FOR ADVANCEMENT

Applications and normalisms are invited fast the position of Vice President fast Asbancement. The Vice President is responsible for providing leadership, busing logical guidance and securities discrime to the development and university is tablest passagana at baddey. The Vice President aport directly to the President agont office of the Ormalisms.

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cruss a and their protestional abvisors. The position is available immediately. Screening of applicants and nomines well beyin immediately and will continue until the position is illied. Numinors and applica and should send a letter expressing interest to Vice President in Advancement Search Committee, is Abn. (Say Anna, Chaiman, Budley University, Penta, It 61025; 109-677-1350, Applications should include a current relaxar and the rames, addresses and reference.

Minorities and women are encouraged to apply. Bradley University is an Equal Opportunity, Affirmative Action Employer.

Executive Director of Institutional Advancement

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Salary: The nelary is negotiable and competitive with attractive fringe benefits.

Application: Applications or nominations mould be submitted not later than June 15. Send a complate resume along with a covering letter providing the names, addresses, and telephone numbers of three references

Chairman, Search Committee for titva Director of Inactutional Advance Stillman College P. O. Box 1430A Tu scaloosa, Alabama 35403

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VICE CHANCELLOR FOR **ACADEMIC AFFAIRS**

University of Hawaii at Hilo

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APPLICATION DEADLINE: Posimarked no later than June 30, 1992.

AN EQUAL EMPLOYMENT OPPORTUNITY, APPIRMATIVE ACTION EMPLOYER.



Treasurer/Chief Financial Officer Michigaa Technological University Houghten, Michigan

Michigan Technological University Invites nominations and applications for the policy of Treasurer/Chief Financial Offices.

Michigan Technological University is a state-assisted university with an established mydefast in supjacering and science education and research. Located in Michigan's Upper Pediatal, the University has approximately 350 teaching lacuity, 1,000 staff, and more than 600 students envolved in undergrandment and graduate programs.

The Treasurer/Chief Financial Officer will be responsible for developing, impuring in pisresoling, and managing financial management ayriems that serve and support the University's operations.

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Search Committee Treasurer/Chief Figancial Officer Personnel Services: Laura Alexander
Michigao Technological University
1400 Townsend Drive
Houghton, M1 49931-1295

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VICE CHANCELLOR

MIETIN BOARD: Positions available

DIVISION OF ACADEMIC SUPPORT

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SINT FRANCIS COLLEGE OF PENNSYLVANIA

Vice President for Academic Affairs

in transa College invites numinations and applications for the posi-tol We President for Academic Alfairs. The position will be available tps 1, 1992.

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Experience - 5 to 10 yrs. In higher education dealing with both state and federal turnin. Please medi refunded and ashry history to Mrs. Patricia M. Juhnson, Runnicss Manager, Livingstone Cullego. 704 Went Monroe Street, Saltsbury, N.C. 28144; 704-638-5512.

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Washington's Good Health **Starts Here**

The George Washington University Medical Center is looking for a new Vice President for Medical Affairs and Executive Dean. The previous vice president has just left GW, after 20 years, be accept the presidency of the National Board of Medical Examiners We stress that annifcants who seek this inh should have a good beeper. Because you never know who's going to show up—often a senator or a congressman, an ambassador and sometimes even the President.

And that's just for starters. Besides our high profile clientele, we provide medical care for all segments of the Washington population.

The George Washington Howersity, founded to 1821, is located on an urban 45-acre The George Washington Interestly, Counted in only, the 500 active valuatory physician facily and the BIS, is located on an unbast 4-zer campus in the historic Fogge Security of the properties of the properties of the salarors capital, which washing distance that with reasons, the U.S. Department of State and the Keenedy Center for the Performing Arts The National Washington Counter of the Perf institutes of Health is located in nearby Bethesda, Md.

The University is a mature educational and research Institution comprised of seven schools and offering 85 undergraduate and 70 doctoral programs, including M.D., Ph.D., Ed.D., D.Sc. and the J.D., as well as 170 nvaster's degrees.

A neajor component of the University is the Medical Center, which includes a 600-student School of Medicine and Health Sciences, recently ranked 10th in the nation by U.S. News and World Report among those medical schools emphasizing primary care.

Another element of the Medical Center is the 501bed hospital, which President Ronald Reagan called "one of the best and most important in the nation" and "a national treasure." President Reagan's life was saved at GW following an assassination attempt in 1981, and GW physicians are routinely consulted by the White House and many government agencies. The Medical Center also includes a 250-member full-time faculty physician practice and a rapidly growing Health Maintenance Organization (HMO), with more than

50,000 members.

A major research institution with more than \$35 miltion currently committed in extramural support, the GW Medical Center conducts additional research activity at The Children's National Medical Center, the medical siaff of which comprises GW's pediatric faculty. investigators at OW enjoy proximity to Niii and other federal research laboratories and programs.

For listed year 1991, the University's operating bud-get was \$510 million, of which \$270 million represented Medical Center activity. Corrent University endowment is more than \$500 million, ranking 47th in the nation

The Vice Breakfast for Malical Affairs reports directly to President Stephen Jeel Trachtenlerg and is a member of the seriou administrative team of the University. He or she is responsible for all programs and operations of the Medical Center. As Chief Executive Officer of the Medical Center, the Vice President for Medical Affairs exercises academic and administrative responsibility over the School of Medicine and Health Sciences, the Huiversity lkspilal, the 330 full-time basic science and clinical faculty, the 300 active voluntary physician faculty and The

emphasis on Eardiovascular MEDICAL CENTER Diseases, Emergency Medicine,

Outcology, and Neurosciences. The new Vice President for Medical Affairs will be a significan player in the process that will lead the Medical Center into the 21st Century.

Candidates must have an M.D. oc Ph.D. degree and extensive experience related to the administrative management of a university medical center. The position requires renderstanding and leadership in medical education, basic science and clinical research, hospital administration, health care delivery, fiscal management and stration, recam care cerever, i.e., an inadequirum strategic planning. A record of leadership and superior managerial and interpersonal skills are vital. The suc-cessful candidate musi undestand the Medical Center's teaching and research mission and yet be able to handle the realities of budgetary constraints and a changing medical practice environment. A sense of humor will help, as will tenacity and vision. Compensation will be competitive and negotiable depending upon qualifica-tions and experience.

Applications and nominations will be reviewed contmeacing mid-summer 1992 and will continue until the position is filled. Interested candidates should send a resume with a cover letter and the names, addresses and e numbers of three references to:

Ms. Cleo Graves Office of the President The George Washington University Sice Itali, 8th Floor

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A master's degree is required and a distorate degree is produced. Ecologic candidates with back without featigrability expensive impropriatively responsible positions in higher edication, preferably in a community college ording.

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An ACCT Search



Vice President for **Finance and Administration**

Blacos Benedicitas College is secisis applicadous for Yec-President, Fla-guar and Administration. Responsibilitis include super-sites of financial plant-lant, preparation of financial pupers, basing development and counte, junc-ture for the president plant of the president plant proposed and services. Reports so lite 'troons, Sr. V.P.'

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CHANCELLOR

University of California Irvine

The President and The Begents of the University of California invite-mention and applications for the position of Chancellor of the Irvine campus. The appointment will be effective on or about October 1, 1992.

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 The University of Luffornia, breize, is one of the nine campuses of the University. It has an enrollment of approximately 17,000 students, twenty percent of whus are gazdande and health science tutalents. UCI offers pergenus in a wife range of disciplines is ading to the bachelor's, nuster's, Mo., Ound Ph.D. dagreet.

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and in ultimatival hariness and industrial camples. The UCI Medical
County, located off-compus in the City of Orange, is the major teaching
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The Character is the chief cascattive officer of the campus and is responsible to the Parisdont. Whilst the stope of University policy, the Calme flow cereives any man delegated powers end; to empossible far all aspects of compus administration. Candidates should be expected for all aspects of compus administration. Candidates should be expected for all aspects of compus administrations. Candidates should be expected for the computation of the c

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300 Lakeside Drive
University of California
California 0412-0550
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to be given full consideration.

AN EQUAL EXPORTUNITY, AFFIRMATIVE ACTION EMPLOYER



VICE PRESIDENT FOR STUDENT SUPPORT SERVICES

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CLOSING DATE: tune 30, 1002

Human Resources Office Lake City Community College Routs 3 Box 7 Lake City, FL 32088

Lake City Community College is an Equal Opportunity, A ar and encourages women and misorities to apply.

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Southern Seminary College invites maminidians and applications Southern sentiative source arrangements and approximately the position of president for the 125 year old independent maybe women's college. The president is responsible for the heapprintian oil the college and reports directly in the Board of

Located in the beautiful Southern Shenandosh Valley, three miss uff Interstate 81 and only six miles from Lexington, Southern Sen has a student/faculty nuito of 10:1 and provides a liberal ans program from which most graduates transfer to recognized sensprogram from which most graduates transfer to recognized sease institutions. The excellent indinglequitation program is authority known; the riding team has gone in the intercellegate flive Association finals 13 consecutive years and has 8 lines bear crowned national champion.

The successful randiquie must be oriented toward public valving and fund raising and must at the same time be a proven manager/administrator/leader.

Nominations, inquiries and letters of application should be submitted by June 15. Letters or application should infect resumes and names, addresses, phone numbers and relationing at

> Mrs. Barbani Turk, Chair Presidential Search Committee Southern Seminary College Huena Vista, Virginia 244ta

PRESIDENT

Foundation for Allied Conservative Therapies Research

The Presidential Search Committee of the Board of Trusters invites applications and nominations for the position of Pasi-

dent.
The Foundation for Allied Conservative Therapies Research
(FACIR) is public, non-profit research foundation crested in
(FACIR) is public, non-profit research foundation crested in
pursus research and education in complementary therapies
such os clinical nutrition, ecupuncture, applied kinesiology,
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approach to the diagnosis and travinums of functional disses,
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RESPONSIBILITIES: The President reports directly to the Board of Directore, and hee overall sutherly and responsibility for both the Research and Education Programs of the Faundation, including ullimeto oversight of the Foundation's clinical and leboratory research focilities.

Sub tectorolary research recurring the decided must be seen and doctored degree, on setablished record of administrative accomplishment, experience in neo-profit work, and a welling semiliarity with complementary therapies.

APPLICATIONS: Lellers of application should include a cur-rent vite, the nomes and addresses of five references, sed a semple of the candidates written work.

Applications and nomicellons should be sent to Dr. Samuel Yanuck Search Committee Chairman FACTR 1881 Southgalo Avenua, Suite 108 Daly City, California 94018



EARCH FOR A CHANCELLOR

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Mr. Tony N. Brown
Human Resources Europhysment
West Valley-Mission Consustently College District
1900 Fruitwell Avanna
Saratoga, California 93070-5690
1408 741-2800

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AA/HIBE

Superintendent

LONG BEACH UNIFIED SCHOOL DISTRICT

·K-12 - 74,000 ADA · L.A. County

Mifications: must be eligible to meet Calionia certification requirements. Successful ment experience as a superintendent, assistassuperintendent or equivalent in a school With of at least 30,000 enrollment. Exem-May leader in instruction, able to impleat effective urban school reform, prudent fiscal manager, experienced in site-based magement. Salary: Competitive and ne-Miable, Closing date: July 17, 1992. Sating date: January 1, 1993. Contact: Theresa Daley, Assistant Secretary Board of Education, Long Beach Unified School Distict, 701 Locust Avenue, Long Beach, CA 90813: (310) 436-9931 extension 1240, FAX (310) 435-0235.

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The Federal Executive Institute

The Individual soughs will provide executive education leadership in staff selection and development, curticulum planning and design, development and delivery of Innovative teaching methodologies, and management of a residential fatility for housing and feeding participating executives.

Candidates must provide evidence el strong leadership and direct exprience in the soliminateration a public o private executive development pogrante mentione de public el provide executive development pogrante menti operation. Oestred qualifications include e sixovidege el operation administration and a doctorate in public administration, business administra-tion, political solerne, or a closely related field.

Candidates should submit an "Application for Federal Employment." Standard Form 171, postmarked by July 18, 1992, to the address below. Copies of this form way be requested from and inquites directed to Mark Reinhold, [202] 666-4315, please reference 92-SES-009.

U.S. Office of Personnel Menagement Attn: SES Recruiter Office of Personnel, Room 1447 1900 E Street, NW Washington, DC 24015

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PRESIDENT

Hamilion County Human Resource Development Academy ["Academy"]
I Cincinnali, OHI

The Burnt of Trustees of the "Academy" seeks a President for this start-up, not-fare profit [50]. Call which have been created to provide cutting cheek identified, technical essistance and consultative services to the Circinnati Public Schools, the Hamilton County Schoole and the Circin-natif Parchibal Schools

nail Parochial Schools.

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Confidential inquiries end nominations to be directed to:

guinee end norametions to be directed Sussen N. Jernigan Sockwell & Associatee 1500 One Twelve Tryon Plaza Charlotte, NC 25284 Tel: 704/372-1865; Pax: 704/372-8960 Consideration of well-qualified candidates begins immediately. The "Academy" is an equal opportunity employer.



Minnesota Community College System

PRESIDENT

AUSTIN COMMUNITY COLLEGE

The Chancelor of the Minnesota Community College System ennounces an opening for the position of President et Austin Community College Austin Community College currently enrolls approximately 1200 students Founded is 1940, the college is located in the city of Austin, a city of 23,000, ninely miles south of Minneapoles and St. Paul

The college operates under the jurisdayton of the Stere Board for Community College System has increased over 51% in the past seven years. The President is the chief executive officer of the college with responsibility for all programs and functions of the institution. The President reports directly to the Chancellor.

The following qualifications are considered essential or highly desirable

e A demonstrated commisment to the mission of the community colleges e A demonstrated capacity for creative and resourceful management and level

ership e Demonstrated leadership stilling in areas such as instruction and student

Demonstrated landership shifts in near such as varieties not measured and such as a continuous state of the
grams.

a An earned doctorate or appropriate experience that provides equivalent

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Sheight or monostrated commitment to student concerns e Demonstrated commitment to student concerns e Salary is competitive and commensurate with experience and qualification is an anticipated their the president will assume his or her duties by Septer 1992.

1992. The 1991 Minnasons Lagislature mandated a merger of three of the lour public higher education system—the community colleges, the sechedic colleges, and the state universities. The University of Morrocata is excluded from this ideals and before the state universities. The University of Morrocata is excluded from this ideals and Barring changes in the next three legislature seasons, a single "Luper Board" will govern these three spinns effective able 1. If 200.

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eas communación, inclumen, and objections and a communación de Seatch Coordinator MINNESOTA COMMUNITY COLLEGE SYSTEM 203 Capitol Squaret, 550 Cedar Street St. Past, My 551.01 [612] 296-6157

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End Paper



The Medieval Celebration of Spring

Spring was the Season most extensively celebrated by medieval writers. As defined by the Secretum Secretorum, spring began when the sun entered the sign of Aries in mid-March and ended when it entered the sign of Cancer in mid-June. Its characteristics are described as delightful:

"The air waxes clear, the winds blow softly, snows dissolve, rivers run. Springs surge up among the mountains, moisture is drawn to the tree-top, branches bud; seeds sprout, grains spring, meadows grow green. Flowers are fair and fresh, trees are clad with new leaves, and the soil is arrayed with herbs and grasses. Beasts beget offspring, pastures are covered with growth and resume a new vigour, birds sing, and the nightingale's song sounds and re-echoes."

The text above is by Marle Collins, a lecturer in English, and Virginia Davis, a lecturer in history, both at the University of Loudon. It is excerpted from A Medieval Book of Seasons, published by HarperCollins.

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Lectures

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Lurged to Limit regners' Access Research It Pays For

Comment agencies need policies to restreign companies from guining insymiles access to the results of Federalfosord research at American univerts new report says.

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h most was prepared by the General tuning Office, the investigative arm forgus. Apr. Ted Weiss, a New York York was who requested the report, said saids was: "profoundly disturbing the state was profoundly disturbing the state of the profound with the profound with the profound was the slow of the profound with the profound the profound that the profound the profound that the profound th

Held Hearings

It Weiss asked the OAO to study the tax is 1900 after the House Subcommitted Relations, which he chairs, held and Relations, which he chairs, held that is the size. The report will be used this week.

continued on Page A24

A 'TAINTED' PROCESS?

Rejection of 2 Proposals by Acting Head of Arts Endowment Spawns Protests, Questions About Accepting Agency Support

By STEPHEN BURD Peter Stitt was ready to let bygones

be bygones and ask the National Endownent for the Arts to support *The Gettysburg Review*, the literary quarterly he edits at Gettysburg College.

In July 1990, Mr. Sitit turned down a \$4,500 grant to protest the agency's requirement that applicants sign a pledge not to use the funds for work that might be considered obscene. He has not sought a grant since the pledge was removed in November 1990, but now he thought it might be time to forgive and forget. Now he's not sure.

Anne-Inielda Radice, the NEA's acting chairworaan, has spurred Mr. Stitt und other college nrts administrators and journal editors to question once again whether they can work with the endowment without compromising their acndemic and artistle freedom.

'Difficult Subject Matter'

Just two weeks after becoming acting enhirwoman of the endowment, Ms. Radice rejected two grants for imiversity nrt centers even though both had been recommended by peer reviewers and her ndvisory board. The grants were fir the List Visuril Arts Center at the Mussachusetts Institute of Technology for an exhibit enfled "Corporal Politics" and for the Anderson Gallery in Virginia Commonwealth University for un exhibit called "Anonymity and Identity."

Ms. Radice said she had rejected the grants because they were "unlikely to

have the long-term artistic significance necessary to merit endowment fund-

But arts advocates said they believed, based on Ms. Radic's previous public comments, that the exhibits had been rejected because they contained images of genitalia. At an Nat-Congressional budget hearing, Ms. Radice told lawmakers that the would overturn grants for projects that were sexually

"The right wing is delighted

every time someone tums down a grant. They think it is humorous that we protest by

denying ourselves the work we are trying to protect."

explicit or that dealt with "difficult sub-

Helaine Posner, curator at the List Center, asked: "How could it have been a question of artistic merit when the peer panelists, who are experts in the field, and her advisory council thought our grant was worthy of funding?"

She added: "I feel that she has distorted the content of our exhibition, which is essentially about the alienation of the individual in contemporary society. It uses fragmented sculptural body parts to express a sense of alienation

and isolation that is very much part of what people are experiencing in our country."

The rock band Aerosmith announced last week that it will provide the List Center with the \$10,000 it lost when the acting chairwoman rejected the grant.

Beacon Press Rejects Grant

Ms. Rudiec's rejection of the grunts marked the first time since 1988 that the ehairman of the NtA hall overridden a decision made by the ulvisory council. Her action has electrified the arts world. In protest, the Beacon Press, one of the nation's oldest publishers, announced that it would not accept a \$39,000 grant that it had been awarded.

Murry N. DePillars, dean of the School of Arts et Virginis Commonwealth University, unnounced that he would not serve on a peer panel that was scheduled to meet hast week. And for the first time in the history of the Nat., a sitting peer-review panel—the 1993 Visual Arts Sculpture Fellowship panel—decided to disband ruther than finish its work. The panel said in a site-ment: "Over the course of this week, it has become abundantly clear that the process of the peer-panel review has been severely compromised and placed in great jopardy."

In great jeopardy."
Said Ronnel Jones, a member of that panel and an assistant professor of senipture at Ynle University: "I would encourage universities and colleges to take a hard look at Anne Radice's posi-

Continued on Poge A23



Haleine Posner of the List Visual Arts Center, which was danied an NEA grant "How could it have been a quant of artistic merit when the paer penalists and her advisory council thought our grant was worthy of funding?"

Continued From Page A20 is particularly bitter, but it is no unusual. Although nu other states that provide direct grants to private colleges are proposing a total climithuse institutions vulnerable

"Actiuns like Pennsylvania's are u reflection of the times," says Atlen P. Splete, president uf the Council on Independent Colleges. New York State, for example.

made deep cuts in the amount of direct aid funneled to private colleges and universities for the next fiscal venr.

21 States Provide Payments

Robert O. Berdahl, a professor of higher education at the University ty of Maryland ut Cullege Park and un ohserver uf trends in direct payments to private colleges, says: would think the state uppropriations to private higher education ought to gu through the same outbacks us public funds, but that doesn't menn the total ending of

William Zumetu associute professur in the University of Washington's Graduate School of Public Affairs, says that direct aid to private colleges evolved out of the belief that it costs less to support existing private-college programs than it does to develop or expand public-college programs. In a study he conducted, Mr. Zumeta found that 21 stutes-most of them in the Esst-provided direct payments to nrivate colleges

College officials sny the money is crucisl. Illinois, for example, is giving more than \$30-million to private colleges in direct aid in this fiscal year. Dave W. Tretter, director of research for the Federation of Independent Illinois Colleges and Universities, says that much of the money goes to strengthen minority-student recruitment and retention programs and to health-sci-

ences and engineering programs.

In Pennsylvania, Governor Ca-

The Mississippi State Sen-ate has refused to confirm three nominees of Gov. Kirk

Fordice to the Board of

Trustees of State Institutions

of Higher Learning.
Legislators said the nominees

were not suitobly qualified, But

an oide to Mr. Fordice, a Re-

publican, said the Governor did

not believe that the objections

raised by legislators were valid.
One nominee, Thelma Rush.

withdrew from consideration

when her aunlifications were

questioned because she lacks n

four-year-college degree. The

chael R. Smith and Howard

Clark, died when the Senate ad-

journed without voting on them.

Mr. Smith, whose company

holds a contract with employees

was challenged on grounds that

ions of two others. Mi-



The U. of Pannsylvania says that if lawmakers pass Gav. Rebert P. Casey's budget, the class entering the Schaal of Vaterinary Madicina this fall will be the last to graduate.

sey's proposed higher-education duction in spending on the public colleges. The Governor has said that his proposed \$14.2-billian in atate spending, which cuts expenses by \$603-million, was necessary to assure a balanced budget, as required by state law.

'A Lot of Tough Cholces'

Says John Taylor, a spokesman for Mr. Casey: "The Governor had to make a lot of tough choices, and one of them was that the state focus its limited resources on public institutions of higher learning ond not the private institutions.

Despite that argument, several public-college presidents-including Jonb L. Thomns of Pennsylvania State University and Peter J. Lincouras of Temple Universityare lobbying against the cuts to pri-

STATE NOTES

■ Mississippi Senate blocks nominees to college governing board

Dr. Clark, a physicion, was

sons, He denied wrongdolng

and sald the charges were politi-

cni, but his nomination was op-

posed by many doctors in the

North Carolina Gov.

aald he would try to work out

a compromise with public

universities in a confilet

bout overhead payments, Earlier in the week, the Re-

publicon Governor proposed

in federal overhead receipts re- split.

nes G. Martin last week

his business might create a con-

suspended from participating in campuses that had generated the Medicaid and Medicare pro-

grams in the early 1980's for al- imburse universities for the in-

legedly admitting pailents to direct—or overhead—expenses associated with research proj

that the state keep \$16.8-million Mr. Martin proposed o 50-50

-GOLDIA BLUMANSTYK the stale. But the General As-

■ N.C. Governor angers universities with proposal on overhead

fliot of interest

vste calleges. Says Gary B. Young, president of the Pennsylvonia Association of Colleges and Universities: "I think all of us recognize that the higher education enterprise is interrelated, and so we are supportive of one another's

But some observers outside of higher-education complain that the private colleges can afford to offset any losses in state aid by tapping their endowments. That criticism is directed especially at the Univerthe midst of a \$1-billion fund-raising campaign.

Penn says it will close its veterinary school, scale back student financial aid, and reduce dental care for low-income residents in its West Philadelphia neighborhood," wrote B. J. Phillips, a columnist for The Philadelphia Inquirer.

in the 1991-92 academic year in-

stead of returning them to the

the money. Pederal agencies re

ects that receive U.S. funds.

In North Carolina, 30 per cent

of all overhead receipts tradi-

tionally have been retained by

sembly agreed to on annual de-

crease in the proportion of re-

celpts that the state would keep

state was to keep only 25 per

cent of the receipta. Instead,

retained 50 per cent. In the 1993

fiscal year, the state was to keep

only 20 per cent of the receipts.

but because of a tight budget,

-JOYE MERCAR

In the 1992 fiscal year, the

"Penn officials argue that just as the state got what it paid for, so will it no longer get what it doesn't pay for. Meanwhile, God forbid Penn should pay for any of these things out of its \$850 million—soon to be slmost \$1.85 billion-endow-

This is not the first year in which aid to private colleges in Pennsylvania has been threatened. Last year, Mr. Casey proposed deep students were sble to persuade legislators to restore the funds. While presidents expected some cuts this ear, "the zero-factor was a holi from the blue," says Mr. Breslin of

"It was unanticipated " Mama C. Whittington, senior vice-president at Penn, warns that f lawmakers pass the Governor's budget, the class entering the uni-

versity's School of Veterinary Medicine this fall will be the lost to More than \$15-million of the \$37.6-million that the state is pro- who say the university does not

viding to Penn thin year goes to the veterinary school and its animal center. That appropriation is more than 40 per cent of the school's total operating budget. Loss of the school, the only one in Pennsylvania, would be detrimental in a state where agriculture is the top industry, Ms. Whittington says.

There is no way we can replace the money that we will lose from the state," she says.

'I Feel Overwhelmed'

lqbal F. Paroo, president and chief executive officer of Hahnemann University, which is receiving \$6.4-million this year for its schools of medicine and allied health, says the elimination of state funds would force the university to shrink or eliminate some programs, and possibly cut back on the care of indigent patients at the university'a hospitol.

"As president, I feel overwhelmed at the kind of reductions we'll have to look at," he says.
"This is very abrupt: to say, '100
per cent, gone, ''Mr. Paroo adds treated like a liability."

that Hahnemann probably will no k.Endowment Chief's Rejection that reamenant pressury wast be able to recomp through pringle donors what it will lose from the

Arists Fellowship panel,

the explicit reasons for any

for or equivocation."

Collapse of the NEA'

Olega and universities re-

AN grants totaling \$4.6-md

a Host institutions are not

to turn down endow

ton the arts endowment in

yer to stop opplying for it.

BJACK GOODMAN

le House of Representa

found the Senate last week

ad sverwhelmingly to np-

et a compromise bill that

ed rescind more than \$8.1-

in in spproved federul

ging for the current fiscal

aund could lead to the elim-

ain of more than \$100-mil-

in is money carmarked for

The bill specifically elimi-

nks only \$1.349-million in

'ameris" to specific univer-

reliallow the Secretary of

Disse to decide whether the

Pry will provide \$115.9-mil-

in a previously approprinted

has for 19 university-based

sent projects. Given the

response past opposition to

persional carmarking of its

sięt, it is likely that many or

An hese grants will be out if this is signed into law.

The bill identifies only four

tile university earmarks for

barch at West Virginia Uni-

tray, \$500,000 for a road at

Mac for seedless-table-grape

teach at the University of

201585, and \$49,000 for inte-

ed orchard management at

University of Vermont

bident Bush had proposed bineting dozens of similar

orinversial provision origi-ally in the Senate version that

Dakata State University.

sion. They include \$750,-

chian-hardwoods

Specific Earmarks

WASHINGTON

rictions without any dis

"Donors ure very reluctant h donute funds for operating to penses, and many gifts come with restrictions on how they may be used." he adds.

'A Partnership'

What angers him most, he says and at lest week without exnandling of the matter, exempting the property of the matter, exempting the property of the pr Mr. Cusey's "irresponsible" sting chairwoman. The letter

money os an entitlement," Ma Paroo says, "but I believe it's a rtnership between the state at higher education to produce future manpower for Pennsylvania. We think we've produced something out of that money.

The major part of the argument for private colleges to continue receiving aid is that they provide a state service. Says Mr. Young of the Pennsylvania Association of Colleges and Universities: "The so-called private institutions eard more than 70,000 students, about 38 per cent of college students in the state."

State Rep. Ronald R. Cawell, chairman of the House Education Committee, says it would be "my ipitous" to eliminate all of the funds in one year. But he says "the burden is going to have to fall to egislators" in the Philadelphi area to fight for restorations. Som presidents say they have yet to win the support of State Ren. Dwight Evans, chairman of the House An propriations Committee and a leader of the Philadelphia delegation He did not return a reporter's tele

U. of Pennsylvania Criticized

The presidents concede the they also must win over legislaters from other parts of the sinte who moy view the direct aid as a plum r Philadelphia that their districts do not receive

Meanwhile, the University of Pennsylvania's base of support in the city has been threatened by criticism from some city officials award enough scholarships to local h-school students.

Amid all the debate, private-college presidenta say they will spend time in the coming weeks visiting legialators at the Capitol and at their district offices to tell them about the importance of their instiutions to the state's overall heal Besides vinits, efforta may include letter-writing and phone-calling campaigns by college officials, stedents, and alumni.

One point they hope to drive home, the presidents say, is that the direct aid the colleges rece pales in comparison with the economic benefits they provide. Five of the state-aided institutions Penn, Thomas Jefferson, Hahnemann, the Medical College, and Drexel—are among the top 20 cm ployers in Philadelphia, a city that itself has been near backruj Together, the institutions promore than 40,000 jobs.

"This is a very cheap investment for the state," Mr. Paroo says. "We are an asset, but we're being

Proposals Angers Arts World

and From Page A21

But some said that colleges and universities should ngain take a slope lead of universities and universities should ngain take a ty should continue to close look at whether they really nced the gronts. good group, the Solo The-

"The need for money for organia zations like us is desperate, so you always find yourself thinking about applying for a grant," said Mr. Stitt Gettysburg College. "But 1 don't want to be involved in a process that I feel is trinted," Linda B. Shearer, the director of

the Williams College Museum of Art, said: "Up to this point, I always thought it was important that museums and art groups make a strong statement that they need rument support of the arts, so that they put in as many appliestions for as wide a variety of projects as possible

"But now that we are witnessing the collapse of the NEA, with Ma Rodice dismantling the established

agreement, the luwmskers still

inged the NSF "to review the

the same 31 research projects.

cinl sciences. The report olso re-

quires the NSF to conduct a re-

view of its grant-making proc-

In u written stotement, Will-

ter E. Massey, the director of

the NSE, said it was the ugency's

responsibility to make sure that

the research it supports "in-

spires the trust untl confidence

of the American public."

NIII Is n Target

many of which were in the so

option of climinating funds" for

Congress Agrees to Rescind \$8.1-Billion

whederal Spending It Approved for '92

system, the time has come for ev ery arts organization to reasses: that support, and to decide what i means to accept a grant.

Jill Collins, an endowment spokesman, said it would be turn down grants they have won. When n highly qualified arganization like Beacon Press withdraws an application for funding for two anthologies of creative writing to he used in schools, their audience the students, suffers," she said "So while all these arganizations may have concerns, I would have that they will stay focused on the bigger picture.

'In-Your-Face Subject Matter'

Ms. Collins said institutions should not hesitate to apply for gronts for contemporary artwork. But she added that the endowment did have a "concem" about supporting works "where there is no artistry and only an in-your-face subject matter."

Some arts supporters agreed tha t would be counterproductive for institutions to protest by turning down NEA owards. "I think it is irrelevant," said Robert L. Lynch. president of the National Assembly of Local Arts Agencies. "I don't think similar actions by universities in the past had any effect then, and I don't think they would have any effect right now."
Mr. Lynch said Ms. Radice's ac

tions were a perfectly predictable response to Congressional pressure to clamp down on the agency. If nrts advocates do nut like what is going on, he said, they should express their dismay to Congress, not to the NEA.

"Besides," he added, "the right wing is delighted every time someone turns down a grant. They think it is humorous that we in the arts community protest by denying ourselves the work we are trying to

The hill would also modify u Some university arts officiala,

Senate proposal to cut three grants from the National Institute of Dental Research that are currently being used to study ways in which people can overcome their fear of dentists. The compromise would rescind only \$183,000, half of what the Senate had recommended.

The agreement contains of provision that would cut all deloyed spending in certain departments by 0.5 per ceni. As a result, \$2,875-million would be cut from the NIH's budget as well as \$300,000 from vocat al and adult education, \$310,000 from student financial assistance, and \$120,000 from higher-education programs.

Many researchers and some lawmakers soid the Senate proposals to cut the NSF and NIH were political maneuvers made at the expense of seience.

Rep. Geurge E. Brown, Jr., & The bill does not contain a Democrat from California and the chairman of the Committee on Science, Space, and Tech-Mare cut 31 National Scinology, sent a letter to the chair-Povedation research projman of the Appropriations Those projects have all Committee, Rep. Jamie Whitsubject to the peer-review ten, urging him not to agree to the NSF cuts. "If the Senate problead, the bill would rethe fire NSF to out \$2-million by its research budget. In a visions for NSF prevail, the merit review process would be seriously jeopardized," Mr. Brown hot that accompanies the

John W. Lottes, president of the Art institute of Southern Californ "We are doing quite wall, even without NEA support."

has been tremendously important to the arts at colleges and universities throughout the country. Just and actions would also act as a prilook at all that this wonderful agen-

Still others said they were waiting to see how things play out before they decided to stop applying for NEA summert or to reject grants they have alresdy won. A big queshowever, said that if the endowtion, many said, was whether Ms. Radice will still be hesding the enment became mare politicized, it might no longer be worth saving. dowment after the Presidential

following Institutions said they

would forgo endowment funds: Ar-

izona State University, the Art In-

stitute of Southern California,

Kenyon College, the New School

for Social Research, and Pennsyl-

Jonathan F. Panton, president of the New School for Social Re-

Supreme Court. "It was purely a

egal question then. These ore to-

Wendy J. Strothman, the direc-

vania State University.

Judith Tannenbaum, associate director and curator of the University of Pennsylvania's Institute of Not the First Time Contemporary Art and a member If universities and calleges startof the review panel that recomed turning dawn grants, it would not be the first time. In 1990, a mended the two projects, said: "I don't believe that the NEA should small number of college arts probe maintained at any price. There grams and colleges said they would may come a point when there is so protest the obscenity pledge by not accepting endowment funds. In admuch that is restricted, and where the compromise is so great, that it dition to Gettysburg College, the

is not worth having an endo Extraordinarily Vital

The University of Pennsylvania institute used endowment funds that it received in 1988 to organize a retrospective show of photographs by Robert Mappl that sparked an iotense debate over the role of the NEA.

search, said that had been a different situation entirely. In 1990 uni-Others, however, said the NEA versities were asked to agree-in had been too important to them to writing-to "prior restraint," thereby restricting themselves in abandon it when it is in trouble. The NEA is on extraordinarily viwhat they could express with the tal part of our national culture. money they received. Also, he said, the definition of obscenity, That its existence should be ques-tioned is extraordinary to me," which the endowment was using, was far broader than that set by the said Katharine J. Watson, director of the Bowdoin College Museum of

Ms. Watson noted that the NEA had given her museum 21 grants tally different situations." over the last 15 years. "The NEA

tor of the Beacon Press, disagreed. She said Ms. Radice's statements or restraint on the work for which cy has dane for an important but small museum in Maine," she soid. pect to win federal support. "I think it will creote a self-censorship," Ms. Strothman said. "I don't see why you would bother to fill out the application for snything that could be deemed offensive. you already knew you will be re-

> Some said that it would be virtually impossible for universities and colleges to find other sources to make up for federal aupport if they decided to hand back grants.

> Robert S. Fogarty, editor of The Antioch Review at Antioch College, said it was "unlikely" that colleges and universities would stop taking money from the NEA

"A lot of magazines are hurting, and colleges are tightening things up," he sald. "Art centers and literary presses are places that ore undergoing the most belt tightening. They simply need the money.

But John W. Lottes, president of the Art Institute of Southern Californin, which has not sought NEA money since turning down a grant in 1990, said it was possible for organizations to survive without the NEA. He said his institute had made up for endowment funds by raising more money from foundations and

Said Mr. Lottes: "Our enroll ment has grown by 10 per cent, and our exhibition program has been active with excellent attendance. So we are doing quite well, even without NEA support. I do not agree that there are not other sources you can look to."



Government & Politic

tive" with other han programs lie

said that even if interest rates are "a bit higher" than those of ohe

programs, students would w

want to participate in the program
Some, he said, would be attra-

ed to the program because it would

make loans easily uvailable to se

dents who wanted to improve to skills, but did not necessarily se

tracted by the income-continger

'Lifelong Debt' Seen

come-contingent loans.

Ms. Dong of the United States

Student Association said, howev-

er, that the Administration was

"This doesn't just create lifelong learning, but lifelong debt," Ms.

Dong snid, sdding that the Admin-

istration should place more empha-

Students who enter jota income

contingent loan programs may re-

gret it when, 25 years later, they

face additional financial respons

bilities, she said. "Imagine being in

and buy a home, and you still have

your 40's, trying to raise a family

a large student loan," she said.

who want a bigher education.

Details of Bush's New Loan Plan Appear to Doom Its Chances in Congress

tty SCOTT JASCHIK

Congressional mides say that the details of President Bush's new student loan plan, which were released hist week by the Education Department, doom the proposal's clainces for passage.

Student leaders and higher-edocation administrators say they are pleased that the plan appears headed mowhere. They say the details indicate that the plan would provide loans at extremely high interest rates, making them undesirable for most students.

They are also angry that the President would pay for some of the changes in student-aid prograins by making it more difficult for students to he considered "independent." Calculations of flumcial need for independent students the not include their purents' income or assets, so independent students qualify for more uid.

"Theac Are Good Ideas"

According to the Education Depurtment, nhout 173,000 students would lose independent status and eligibility for about \$442-million in student aid under the proposal

"When the President tries to give with the one hand, he takes awuy with the other," said Selena Dong, legislative director of the United States Student Association.

Administration officials, mesnwhile, continued to defend the plsn. "These are good ideas that will help working people," said William D. Hansen, Acting Assistsnt Secretary of Education for

nianagement and budget. President Bush has tulked about

creating "Lifetime Education and Truining Accounts" since January. Last month he said he would pro-pose legislation that would enable Americans to harrow up to \$25,000 for higher education or job training. The money would be repaid on a schedule determined by the bor-

127,000 Students Eligible

In his announcement last month, the President said that the loans would be made by the Student Loan Marketing Association, a federally chartered company that purehases feilerally guaranteed student luans on that bunks can lend more money. The President also promised that students enrolled less than half time be allowed to qualify for all student-aid programs.

'fhe Hilucatiun Department projects that about 127,000 students would become eligible for nid under the proposal for students enrolled less than half-time. It said they would receive about \$63-mil-

In muterials sent to Congress. President Bush said last week that the Education Secretary would work out precise details of the loan program-including the interest rate-with Sallie Mae officials. The materials indicated that the government would neither subsidize nor guarantee the loans.

To pay for the program-mainly the cost of allowing students to enroll less than half time---President Bush proposed changing the age at which students are automatically considered independent from 24 to 26. The change "is consistent with



The U.S Student Association's Setana Dong: "When the President trias to give with the one hand, he takes away with the other."

the Administration's position that the student and his or her parents should shoulder the primary responsibility for financing the student's postsecondary education,'

snid the message sent to Congress. Lnwmakers said the program, ns proposed, would insure high interest rates because Snille Moe would otherwise face financial risk in pro-

loans to their students, said: "This eurlier proposul. It is a lonn vehicle without wheels. It's a gesture to some of the ideas we have put forward, but with hardly nny visible means of making it actually work."

A Snille Mae spokeswomun snid it would be "premnture" to discuss details of the program.

But Mr. Hansen of the Education Department said he thought in- are independent," Mr. Hansen terest rates would be "competi- added.

viding loans with no guarantee and no subsidy. They slso predicted that Sallie Mae would have control over who would receive the loans.

Ms. Dong also said the charges and would be likely to lend to independent student rules were wealthier, low-risk students. ill considered and motivated only Sen. Psul Simon, on Illinois by finsuces. "What's st stake a Democrat who has urged Congress money," she said. "They play mound with the definitions when to have colleges provide direct they want tu save money. is a step backward, even from their

Mr. Hunsen of the Education Department said there were legitifrom 24 to 26 "There are a lot t students, even in graduate school, who benefit from their parents fi nancially." he said.

The changes proposed by the Administration would allow more student uid for those "who truly

Comptroller Questions Alexander's Dealings at U. of Tenn.

By STEPHEN OURD As president of the University of Tennessee, Lamar Alexander tried to conceal the institution's dealings businesses with which he had had ties, snys n report issued last

The report is the culmination of a year-long state investigation or dered by Gov. Ned Rny Mc-Wherter, a Democrat, after questions arose about Mr. Alexander's husiness dealings during Scnate confirmation hearings for his Education Department post.

week by the state's comptroller.

Mr. Alexander was the university's president from 1988 until he became Education Secretary in 1991. He was Tennessec's Guvernor from 1979 through 1987. In a written statement, Mr. Alexander defended his netions and said there was "nothing really new in the re-

Functions at a Country Inn

While raising questions about actions taken by Mr. Alexander the report contoins no charges that he violated state Isw.

The state comptroller, William Snodgrass, said that it was not hia role to "mnke that kind of determination," but added that he had forwarded copies of the report to the State District Attorney's office in Knoxville and to the State Attorney General's Office.

Officials in both offices said they

der directed university officials to hold functions at Blackberry Farm, a country inn that was partly ned by his wife while he was the university's president.

According to the report, Mr. Alexander, on the ndvice of the State Attorney General at the time, transferred his interest in the farm to his wife when he became president of the university. But, the report continues, Mr. Alexander neglected to inform university officlass and board members of his wife's interest when they asked him about his interest in the inn.

The report says that "based on suggestions and directions," the university spent nearly \$65,000 to hold 14 functions at the inn.

Mr. Alexander insisted that the university continue to use the inn. the report says, even after university officials complained that kberry Farm cost more than comparable, nearby facilities.

Mr. Alexander responded to the complaint by saying, "Neither my wife nor I ever made any income from the investment in Blackberry Farm." Ha also said that ho thought that the inn had provided the university with "substantial discounts" to make it competitive with other local hotels.

report, "invoices from Blackberry the university," he said,

further action on the report was Farm did not list sny discounts, and rates appeared greater at the The report says that Mr. Alexan-end of the president's term than they were in the beginning."

The report also contends that Mr. Alexander Instructed university officials to hire a consulting firm, the Ingram Group, and a media production company, Bailey, Deardourff, and Associates, both of which were run by long-time political associates. In an attempt to cover up the university's involvement with the companies, payments to the firms were made through third parties outside the university, the report says.

'Indirect Arrangements'

The Ingram Group, a Nashville lobbying firm, employs a number of people who were aides to Mr. Alexander when he was Governor.

Similarly, the university hired Bailey, Deardourff, headed by Mr. Alexander's long-time medin consultant, to produce television com-

The report states: "Because of board members' and senior univeraity officials' concerns about the potential negative appearance of a direct university arrangement" with the two firms, "these consultonts were compensated through various indirect arrangements."

In his statement, Mr. Alexander defended the hiring of the two com-But, Mr. Snodgrass wrote in the panies, "They did a good job for

U.S. Urged to Limit Foreign Access to Research

Continued From Poge A21 fended their ties to foreign compa-nies, saying that the businesses

provide important revenue for rereh programs and that the foreign businesses are taking advantage of opportunities that exist for American businesses as well.

The oao report says that federal agencies have not paid enough attention to the increasingly complex links between universities and companies that hold the licenses for products based on federally supported research. For example, the report says some universities lack sufficient information to know about potential conflicts of interest of researchers, who may have ties to companies seeking exclusive licenses to products.

Liaison Programs Eyed

OAO to examine foreign ties to "in-dustrial liaison programs," in which businesses have special access to university research and fa-

cilitles. The report says that of the universities it examined, 30 have industrial-liaison programs. Of those, 24 have at least one foreign member. The 24 universities haves total of 499 foreign members, some of whom belong to more than one university program.

The report notes that a few unirsities have different program for foreign and American bustnesses, or charge foreign members more to join a liaison program.

Mr. Weiss said that, in respons to the report, he was writing to the Secretary of Health and Human Services Secretary, Louis W. Sullivan, and to the NSF director, Walter E. Massey, to urge them to develop policies to prevent conflicts involving foreign companies.

Mr. Weiss said the information

Mr. Weiss specifically asked the Ao to examine foreign that any only "the tip of the iceberg" of mineral transfer of the color of the iceberg versity ties to foreign companies, because many universities are unmembers and foreign companies. a

ELECTION NOTEBOOK

s Clinton attack on Bush education record prompts quick reply a Duquesne U. may be in trouble over a Bush-Quavie fund raiser Clinton wins endorsements from two major education unions Perot's role, or lack of one, in stemming a college's demise

slept's recent interest in student

leans was the sign of an "election-

Secretary Alexander, in an inter-

view with the Associated Press.

said the Governor had misrepre-

sented the Administration's posi-

tion un Pell Grants. The President.

Mr. Alexander said, Ims proposed

increasing the size of Pell Grants

and redirecting the money to the

most needy students, but has not

sought to eliminate grants for those

with family incomes above \$10,-

The Secretary also criticized Mr.

Clinton for failing to identify how

he would finance one of the key

year conversion."

to enter a full-time degree program.

Other students, he said, may be at-Ciston's sharp critique win scord drew a quick

Mr. Hansen said the progno would be particularly helpful a single mothers who might waste take courses toward carer at vancement, but ment were the said to the fact that and the said to take courses toward care and page to the course of the cou Janu Alexander attacked (Caton for taking "an unfair mounte swipe at the Presi-

overestimating the benefits of in-Cinton, the Governor of Arsand the likely Democratic in for the Presidency, lam-Mr. Bush for proposing sit the Pell Grant program and have redirected aid sis on providing grants for those ringsdents with the greatrid need.

the the President's policies. inten said, "if your income #\$10,000 a year, you're tno nie 500,000 you should be bracapital-gains tax cut. Cinton also said the Presi-

int From Page Al

sizowa aspects of URIT.

haneet, he said, involves

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izz to manage a bookstore.

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lation will also exminine the

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Mr. Owens said, "Any time

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tendovees who are high-

to attract them, there's a

you might run afoul of

o reasonable compensa-

Owens said it is "not easy"

traine whether saluries are

day whether all anlary and

Areements are in writing.

ogly, that is not necessar

dison, he said, tas officials

compare salaries to those of

nble jobs at the institution

lade on is the vague stan-

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in the tes will in-fundations that support uni-

shletics programs or pro-

tion money to the institu-

tally part of the university.

Owens said it was unclear

trea if those foundations are

here. "What you try to

ecise, based on our past au-

Mr. Owens said.

components of his education program: a sweeping college-loan program that would allow students to remay their college loans as a percentage of their future income or through one or two yours of nutional service. "I can get applause, too, going around offering something

free." Mr. Alexander suid. A Bush-Quayle fund raiser an honorary degree from Du held earlier thia month at Du-

Marcus S. Owana of the IRS; "These institutions, because of their

what action the agency would take used for periodic, routine audits of

Status, he said, hut "that is an ex-treme action that the service would status, he said, but "that is an ex-treme action that the service would status, he said and new approximation of the said status, he said all the approximation of the said status, he said, but "that is an ex-treme action that the service would status, he said, but "that is an ex-sure that the service would status, he said, but "that is an ex-sure that is an ex-treme action that the service would status, he said, but "that is an ex-sure that is an ex-sure that is an ex-sure that is an ex-treme action that the service would status, he said, he said the said that the said

not apply quickly and without con-

ed, Mr. Owens said, the tas "will look at the information generally

and see how that should factur into

our audit program." He said the new team approach would then be have."

universities, which he said would

Bertrand M. Harding, Jr., a

of going in and taking an in-depth

look, and they will use that knowl-

be more thorough, but less fre-

quent, than in the past.

'Quite Significant'

aiza and atructura, really required a different approach.

if it found violations of the tax laws. In cases where a college had

not paid the unit, the iss might

require back payments.
For other violations, he said the

revuko an institution's tax-exempt

After all the uudits are complet-

siderable forethought."

Institution in political hot wa-

Allegheny County Solicitor Irs Weiss has questioned Duquesne's renting its student-union ballroom for a political event. Mr. Weiss. who has challenged the tax exemptions on properties owned by other Pittsburgh-area universities, said such a non-educational use was inappropriate and might jeopardize the tax-exempt status of the student union.

The event, which reportedly required a donation of \$1,000 s person, drew more than 300 guests. The university charged the event's organizers its standard \$500 rental

Nicholas P. Cafardi, vice-president and general counsel at Du-quesne, said the rental was in line with the university's policy of allowing degree holders, students, and employees the right to rent university facilities.

Mr. Cnfsrdi said President Bush had qualified because he received

rentals would affect the student iinion's tax exemptiun.

Although Mr. Wciss, a Democrat, denied having any partisan agenda, Mr. Cafardi said he wasn't so sure. "I have to think there is not a little bit of political hay in this whole thing," he said.

Bill Clinton has nicked up endorsements from the nation's two major education unions.

The National Education Association cited Mr. Clinton's record as Governor of Arkansas in making the endorsement and said he "has never wavered in his commitment to education."

The association counts more than 79,000 faculty members and other higher education employees among its membership of nearly two million.

The American Federation of Teachers, with about 83,000 higher-education employees omong its 790,000 members, cited Mr. Clinpulicy, health issues, and his early support of legislation barring pe manent striker replacement" in its endorsement. The union is affiliated with the AFL-Cto.

Buth endorsements concern Mr. Clinton's candidacy for the Democratic nomination. The unions expect to endurse candidates for the general election over the summer. But the comments of the unions' presidents hint st the direction those endorsements will take. Subject Universities to Scrutiny With New Audit Method

In releasing the AFT endorsement, the union's president Albert Shanker criticized President Bush's "cynical ploys to promote vouchers and privatization" in public schools. "No matter how you look at it, Mr. Clinton's candidacy represents the must thoughtful option out there to help change

this country," Mr. Shanker said. Keith Geiger, president of NEA, said Americs needs "a leader whose actions match his words. George Bush is not that leader-Bill Clinton is."

Ross Perot's role in championing education reform in Texsa in the mid-1980's is now legend. Yet the lore of the billionaire who may run for President often omits the part Mr. Perot often omits the part Mr. Feldt played—or, more precisely, de-clined to play—in the story of the now-defunct Bishop Col-

According to Peter Elkind, a Texas journalist, officials of the debt-ridden, historically black institution saked Mr. Perot for a substantial donstion to keep the col-

lege afloat.

Mr. Perot declined, saying the college had little chance to become world class." agreement designed to prevent vio-lations in the future. The las could

"The last thing those students ed is snything second-rate." Mr. Perot told Mr. Elkind in a 1988 interview. Bishop closed that year, James D. Squires, a spokesman

for the almost candidate, said he was not familiar with Mr. Perot's relationship with Bishop at tha time. But he said the scenario sounded plausible. "Everyone wants him to come and save everything that's dying.

-GOLDIE SLUMENSTYK

that the rental to the Bush-Quayle committee or the infrequent other Bush and Congress Face a Showdown on Fetal Tissue

Continued From Page A21 of various socioecunomic popula-tions and of various racial and ethnic gruups, for a number of years to determine "behaviors that promote health and the behaviors that are detrimental to health."

Richard Udry, a chief investiga tor in the teen-age sex survey and the director of the Carolina Population Center of the University of North Carolina at Chapel Hill, said he did not think that the adolescent houlth study would make up for the information lost by not supporting the teen-sex survey. "They don't say anything about sexuality in their description of the study." he said "There doesn't seem to be a with the knowledge needed to curb

Focus on Sexual Practices

David B. Moore, assistant director of governmental relations at the Association of American Medical Colleges said, however, that the adolescent study was meant to include a look at the sexual practices of teen-agers. "The Senate and House conferees felt that it was necessary to prevent support fo the two surveys. Otherwise lawmakers like Helms would have tried to hold up the conference bill," he stated, referring to Republiesn Sen. Jesse Helms of North Carolina.

Senator Heims led the effort to bar support for the studies.

The reauthorization bill moving through Congress would also: a Mske permanent an Office of Women's Health Research in the

office of the NIH director. a Make permanent an Office of Scientific Integrity as an independent entity in the Department of Health and Human Services.

a Require the Secretary of Health and Human Services to develop criteria for the protection of those who report scientific misconduct or who cooperate in investigations of it.

a Require the Secretary to issue regulations specifying the circumstances that constitute conflicts of interest for scientists and order the Secretary to establish atandards for institutions to prevent such conflicts.

■ Make it a federal crime to break into facilities to disrupt reaearch using animals.

Require the NIH director to prepare a plan for the agency to conduct or support research that does not require animals, to reduce the numbers of animals used in cxperiments where they are needed, and to reduce the amount of pain and distress of animals used in research.

a Require the NIH director to set up a mstching-grant program for the construction, expansion, renovation, and maintenance of biomedical- and behavioral-research facilities at universities and other research institutions.

The House will consider the bill this week. The Senate is not expected to vote on it until next 3:00

PHILANTHROPY NOTES

Columbia U. gets \$8-million for center to combat drug abuse

■ James Michener and wife give 172 paintings to U. of Texas

With an \$8-million grant many professional disciplines first five years of the center's operfrom the Robert Wond Johnson Foundation and several smaller grants, Columbia University in establishing a national center to r nmbat drug and alcohol abuse.

The Center on Addiction and Substance Abuse (CASA) will be directed by Joseph A. Califano, Jr., who served os Secretary of the De-partment of Health, Education, as senior partner of Dewey Bullan-Johnson, and Rockefeller Foundaand Welfare in the Carter Administrutiun. The center will be the first ter's president gather under one roof experts from foundation, which will support the and substance abuse.

needed to study all forms of sub- ation, is the largest award ever stance abuse, Mr. Califano said in a made in the 20-year history of the statement

"The center springs from the conviction that our nation cannot nancial support from the Carnegie deal with other basic problems unless we deal with addiction and Charles A. Dana Foundation, and substance ahuse," said Mr. Califatine to wurk full time as the centions and the Pew Charitable

The grant from the Johnson

The eenter also is receiving fi-

Curporation of New York, the Trusts, have pledged support for specific projects related to poverty

Mr. Califino, who as HEW Secretary mounted an anti-smoking campaign in 1978, said that substance abuse and addiction costs the United States more than \$300billion a year in health-cure and disability payments, lost productivity. accidents, crime, and spending for prisons. "CASA's goal is to get the lion for fellowships and ender American people to roll up their sleeves and devote the energy ond resources necessary to ottack this

problem." he said.

-LIZ MEMILLEN

The author James A. Michham called the gift a "monumental ener and his wife donated 172 assemblage of American paint paintings to the University of Texas at Austin last week. The paintings, valued at about \$14-milicon art at any American universilion, had been on loon to the uni-

Business & Philanthropy

20th-century American art.

ments to the university's writing

Mr. Michener is a professor

ementus at the university, where

President William H. Cunning-

ings" that he said gave the suiver-

-KATHERINE S. MANGAN

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sity "the finest collection of Am

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building: \$100,000 to \$1. NorbenCeltre.

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Facilities. For the mathematics and om-puling center: \$500,000 challenge gnatto Carleton College.

Battle Graek, Mich. 48027-3388
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\$150,000 over three years to Columbia U.

GIFTS & BEQUESTS

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Woodmen Tower 17th end Farnem Streets

ty.

he teaches graduate writing semi-

versity as part of its Maii and James A. Michener Collection of Including the latest gift, the Micheners have given the univers ty 376 paintings, valued at same \$20-million. The Micheners also have contributed about \$2.5ml

er woulded by the presence of

givist student groups are not livied "gay universities," she said isibisa presence at a women's

dinary fear of and focus on Merandance and self-

Bake University's student empaper has decided not to run

The newspaper, The Chronicle, ne feluged with angry letters last thater it ran a full-page ad placed the Committee for Open Dehate athe Holocaust, which insists that tenany never adopted a formal elicy to execute millions of Jews. Although the paper publishe me idvertisement, Berry Eriksen is general manager, nanonaced in Barry Eriksen. And that a second advertisement ad been rejected. The new nd attested that North had never made sospfrom human fat. Said Mr. Erksen: "I don't see any benefit tu evid the controversy.

University of Southern California officials are taking sieps to reassure incoming sindents in the wake of last month's rioting.
The oniversity had sent

that they would attend when the During the riot that ensued.

suspended. When calm was restored, doi:ssloss officers faced a backlog

The dean also set ap a telephone task and asked alumni, employees, and use students and their parents to call prospective studeots to address any concerns that they might have about attending the

As of last week, 2,250 freshmen at 1851 week, 2,200 Freatmen had told the university they would earell in the fall. Mr. Murdoch said that he expected the number in the feshman class would reach 2,450,

Hary Maples Dunn, president dSalth Callege, once again is ring in dispel concerns about the institution's being labeled a 'abla ashool" by critics who

allege. In afall-page commentary in the gring edition of *The NewsSmith*, a grapaper published by the

while large aniversities with gaynikge tends to attract a 'lesbian shoo' label. She added: "I think the

phinism in women's colleges maks deeper fears of female

record advertisement by a pupthat says the Holocaust was

eccolanges to 7,500 students for the

fall, but only 1,500 had confirmed equitted of the police officers in the Rodney G. King case was

postal service to the university and many sections of Los Angeles was

es may.

Because of the delays, Dunean C.

Murdoch, deap of admissions, gave students an extra two weeks to confirm their intention to enroll.

Ronald G. Ehranbarg, an ecor Cornall U., says he obtained "striking results in his study of how different forms about the same number as last year. of financial aid affect doctoral production.

Students

GLIMPSES INTO NEW WORLDS

Members of the Academy of Senior Professionals Share Their Experiences With Eckerd Students

By MICHELE N-K COLLISON

ST. PETERSBURG, FLA. Werner Von Rosenstiel listened in tently os several students in a Western Heritage class at Eekerd College here discussed Hamlet's duel with Lacrtes.

As the students spoke, Mr. Von Rosenstiel thought of his father, who belonged to a fencing fraternity at the University of Heidelberg in 1888. "I told the students that my father was a terrible fencer," he said. "He lost every one of his duels, and he had all these dueling marks all over his face. But those marks were marks of character.

"The account intrigued the students, because suddenly it wasn't such ancient

Mr. Von Rosenstiel, a prosecutor at the International Militory Tribunal Rt Nuremberg, was taking part in the discussion as part of an Eckerd program called the Academy of Senior Professiunals. He had come to shore his experiences with students, to offer them a glimpse into worlds they knew little

'An Enormous Amount of History'

Sterling Wotson, a professor of creative writing who taught that class, also appreciated Mr. Von Rosenstiel's presence. "Von Rosenstiel is o vitol 85." he snys. "He's lived through on enormous amount of history. It's a view of history I can't even begin to be able to pro-

The academy is the result of an effort tu bring senior professionals, working ur retired, in the area book to college They sit in on clusses, offering insights to students studying everything from Continued on Following Page



Werner Von Rosanstial, a membar of Eckard Collage's Academy of Sanior Profescionals: "You can make avents come alive."

Fellowships, Not Assistantships, Said to Be Key to Completion of Doctorates

By ROBERT L. JACOBSON CAMBRIDGE, MASS.

A labor economist has reported finding the first definitive evidence that graduate students in the arts and sciences are more likely to complete their doctorates—and in less time—If they receive fellowships instead of research or teaching assistant-

Ronald G. Ehrenberg, professor of industrial and labor relations and economics at Cornell University, says his analysis of long-term doctoral patteros there confirms the benefits of fellowships over assistant-

ships.
The findings also indicate that fellowships given in the first year increase Ph.D. production more than if an institution iniproduction more than n an instantion tidly provides assistantships, requiring students to earn their keep, and follows those more conditional awards with fel-

Mr. Ehrenberg's analysis comes at a time of widespread interest in documenting the relationship between different forms of financial aid and Ph.D. produc-

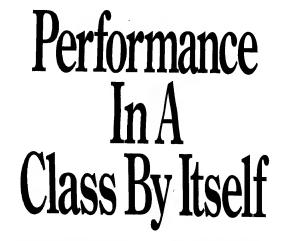
cerned that predictions of faculty short-ages are coinciding with evidence that more and more doctoral students have been dropping out or taking longer to earn

25 Years of Data

It remains uncertoin whether findings like Mr. Ehrenberg's-which covered 25 1 years of data on 1,674 Ph.D candidates in economics, English, mathematics, and physics—can help research universities obtain more fellowship money.

Although some members of Congress have talked recently about shifting graduste-student assistance to provide more support for fellowships, historically such discussions have failed to produce appreciable gains in appropriations. Similarly, recent budget cuts in the states and belttightening by many doctoral institutions do not sugar well for an expanaion of fellowship money from non-federal sources.

Nevertheless, higher-education officials Continued on Following Page



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What They're Reading

on College Campuses

by H. Jackson Brown, Jr.

Lonny

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and the Search for Reform in Mg-time College Basketbell

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hletic hssociation

A Study in Cartel Behavior

Arthur A. Fleisher H1

L. Gott, and Robert D. Tolleso

temic abuses are seeping downward,

sometimes as far down as grade school,

"The greater the money at the top of the

sports world, the greater the pressures at

the battom of the pile. Because the abuses

are systemic and pervasive, it is not feasi-

Continued on Following Page

Mr. McMillen and Mr. Coggins write.

5

Senior Professionals Share Experiences With Students

Continued From Preceding Page at the center but did not take part in ces can buy the units. "It's part af political science to music; present lectures on topics they have been engaged with all their lives; and advise Eckerd Cullege students on carcer moves. About 166 people are involved in the academy this

James A. Michener, for example, has ussessed students' work in n crentive-writing course, while Durward Hull told his war stories as a former congressman and phy-Members of the acudemy share a

common trait-they have hud distinguished professional or civic eareers. Academy members this year include a French underground lighter, an umbassador, a sports-

cnr designer, and a British journal-

ist. In addition to visiting under-

to mudit a caurse or to caroll in

classes for credit.

undergraduate classes. In 1980 a total package that makes the Eckerd brought the academy into academy attractive," Mr. Peterson says. "People like Michener wauld contact with its undergraduate pro-Separate learning prugrams for

alder people are not new. The New Schuul for Social Research created ish warking with students. the first program for senior citizens in 1962, and at least 150 colleges and universities now have special programs fur retirees. But Eckerd officials say they believe their acodemy is the univ one of its kind.

Not everyone can be a member of Eckerd's academy. Applicants must pass the stringent require ments set by a guverning baard made up uf other academy mcmhers "We have millionning and

Faculty members say that stu-

dents who see such accomplished peaple willing to give their time in preciation for education, "They get ta see that learning is lifeling, avs Kathryn Watson, a professor of educatian. "When they see someane wha is curious and ravenous abaut reading, it's exciting. It's fectiaus.

not come if we did not make them

Academy members say they rel-

can make events come alive," says

Mr. Von Rasenstiel, the retire lawyer wha also warked as an ad-

vertising executive in New Yark.

can teach them without them real-

izing they are being taught."

Some Felt Threatened

'You can give them a haok. Yau

Faculty members were nat althose whn barely get by," Mr. Pe-terson snys. "But these were all ways sa enthusiastic abaut having academy members in their class rooms. "The faculty felt threatened," says Lea Nussbaum, who matches academy members with variaus classes, "They felt that he college was hiring cheap

> Same Eckerd prafessars were concerned that the acsdemy members, with their wealth of expenence, might daminate the class-

room discussion.

YES, please send me a catalog about the

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"One could expect someane with the auccess of Mr. Michener

Students say they aften feel mare comfortable talking to the academy members than to their ors. Jeffrey Rabinaon, a senior at Eckerd, says: "They aren't

He emphasizes the basics and cri-

tiques their wark."

Life's Little

4. Jazz, by Toni Morrison

6. The Firm, by John Grisham

was complied from information supplied by actores aurilly the following compuses: American U., Beyfor U., Bucknall U.; Carlaten Collego, Camagis Melion U., Casa Western Rasares U., Cantrai Michigari U., Dartinouth Collego, Denison U., Directi U., Idahio Stella U., Iowa Stell 1, 1981 U., Merko Stella U., Mercyatta 1, 1981 U., Merko Stella U., Mercyatta 1, Montana Stella U., North Celebia Stella U., Portland Stella U., North Celebia Stella U., Portland Stella U., Princisco III, Siemit Louka

2. Attack of the Derenged Mutent Killer Monster Snow Goans, by Bill Watterson

3. Fried Green Tometoes at the Whistie Stop Cafe,

5. Yau Just Don't Undarstand, by Deborah Tannan

7. The Seven Habits of Highly Effective People, by Stephen R. Covey

9. Loves Music, Loves to Dence, by Mary Higgins Clark

8. The Prince of Tides, by Pat Conroy

10. Oh, the Places You'll Gol by Dr. Seuss

grading you, so yau don't hesitate ta tslk ta them abaut anything."

James Haatman, a freshman whose parents encouraged him to

structured. It's more sonstane

Methodisi U., Stanford U., State U. et liyer York at Bufleto, Yulane U., U. of Casiena, at San Olego, U. of Hawaii, U. of Shore at Urbane-Champaign, U. of Inore, ti. et Malescot at Colomba ii. et Malescot at Colomba ii. et Malescot at Colomba ii. et U. of Pittsburgh, U. of Pugel Sovot ii. et Southern Casiernia, U. of twas #/waix, U. of Wisconsin at Madleon, U. of Wi-consin at Mineston, Walescot Liyeli.

phasize that they are learning, too. Suys Jack Clark, a retired radiolosubjects that we missed."

It also gives new meaning to some of the members' lives "All my wheela fell aff when I retired," to be overbearing," Mr. Watson attend Eckerd because of the ocad- phy professor, "This is samething "But he doesn't dominate. emy, soys: "The lenrning is not as to get up in the morning for."

sionally ar in their cammunities. Everyune must past muster. If you lawer the level of stimulation, athor members will drop aut."

in lecture series and various dis-

cussian groups on the campus. The

academy has set up o job bank that

allows atudents to talk to aeniors

about specific careers. In addition,

books, and art collections to the

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Nova University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's, master's, educational specialist, and doctoral degrees. Nova University admits students of any race, color, and national or ethnic origin.

members have donated money

Many of the purlicipants who are retired say they had been de-Lectures and Discussions Acrelemy of Senior Professionals Members pay a \$1,000 initiation Their self-esteem takes a boating if they are na longer in their posifee and a \$400 annual fee. In addi-tion to offen as help in undergradutions," says Art Peterson, the

"They get to see that learning is lifelong. When

about reading, it's exciting, it's infectious."

they see someone who is curious and ravenous

"How can their lives have menning if they are no longer high achievers? It's always a desire of older people to pass on their expe-

A Magnet for Retirees

Florida is a magnet for retirees who have grown weary of the North's harsh winters, In 1973 the college decided to tan this natural market by setting up o kind of cootinuing education center for older

In the beginning, members al-

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Theory integrated with practice
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eollege. The neademy's headquarters is Lewis House, which contains offices, conferences rooms, computers, and a dining room. The college niso has built a retirement center on the compus, College Harbour,

Fellowships Found to Be Key to Completion of Doctorates Continued From Preceding Page "time to degree" have been donsay they are encouraged by Mr. onstrated through approprinte stn-

Ehrenberg's research results, listical modeling. which he calls "striking." He says Unlike other studies, he says, his his study marks the first time that inquiry controlled for such factors and plans to break ground an a the comparative effects of fellow-townhouse complex this fall. Retiras studenta' citizenship, sex, aptitude, and previous education. well as starting academic salaries in their disciplines. It also encompassed data on students who had

> propped out or were still enrolled In a doctoral program. No attempt was made to determine the effects of different amounts of financial assistance on doctoral enrollment, completion, or time to degree. But the ability of fellowships to increase completion rates was found to be much greater than their tendency to shorten the period of study

Lack of Data in the Past

Mr. Ehrenberg aaya his analysis suggests that studenta receiving research assistantships have better records of completion and time to degree than hove students receivlng teaching assistaotahipa. He notes that research assistants are usually hand-picked by faculty members who regard them as unlikely to drop out.

Previous research on the relationship between doctoral completion rates and different forms of financial assistance has suffered from a lack of data, particularly because many universities have not kepi irack of doctoral atudenta in a

comprchensive way from the time they entered their programs. Mr. Ehrenberg's analysis relies sa an unusually large amount of data, in cluding the kind of financial assi tance that each student received each year for up to six years.

Broader Effort Under Way

A broader effort to examine how different forms of financial aid affeet Ph.D. production in 10 fields is under way as part of a project fi-nanced by the Association of American Universities. John C. Vaughn, the association's director of federal relations, says the project is aimed at developing a "fairly comprehensive, longitudinal data base" for some 50 institutions.

Another study of doctoral completico rates in being ficanced by the Andrew W. Mellon Foundation at 10 universities as part of a continuing effort to improve graduate education in the humanities. The project includes an attempt to determine how the rates are affected by the timing of fellowships and other forms of financial assistance

A paper about Mr. Ehrenberg's research-written with Panagioti G. Mayroa, a Cornell Ph.D. ca date in economics—is expected to be published soon by the Nation Bureau of Economie Research, a private organization. The study received financial support from Cornell sod the Alfred P. Sloss Pour-

ide:

Athletics

A lawmaker's B, a sports

tragedy, an NCAA critique

By DOUGLAS LEDERMAN

Thia spring's crop af books about cal-lege sports includes a basketball-star-

turned-Congresaman's critique af the

American sparta system, a painstaking

post-mortem on a college basketball trage-

dy, and an econamic treatise that partrays

the National Collegiate Athletic Assacia-

The biggest splash is likely to be made

by Ont of Bonids (Siman & Schuster),

written by Rep. Tom McMillen with his

friend Paul Coggins, a writer and lawyer.

Representative McMillen, a Maryland

Demacrat, has earned a gaod deal af utten-

tion during his six years in Congress by

He has pushed for the publication of

graduation rates of college nthletes, urged

higher nendemic standarda for high-schoal

nthictes, and proposed legislation to re-

vamp the NCAA's structure. In fact, Out of

Bounds ends with a chapter that autlinea

how his bill would improve college sparts.

The buok's subtitle-How the American

Sports Establishment Is Being Driven by

Greed and Hypocrisy—and What Needs to Be Dane About It—leaves little doubt

Weaving together the work of reporters

and acodemics olike, he takes on just about

everybody in American sports, criticizing

the NCAA und the colleges for emphasizing

the pursuit of money over ucademic con-

eerns, televisiun executives for encourag-

ing the drift toward showing sporting

By DOUGLAS LEDERMAN

ing with administrators at Appalachian

State University over the proposed con-

Six students protested this month by

chaining themselves to a water fountain in

the chancellor's office, and faculty mem-

bers and a top administrator have engaged

in an increasingly shrill letter-writing cam-

paign in local newspapers, accusing each

Opponents of the center say that by se-

lecting it as one of the university's two

construction priorities for a statewide

bond referendum for the University of

North Carolina system that may take place

in November, the administration has put

othletie concerns ahead of academic ones

at a time of great fiscal strain. The critics

want a new science building to fill the cen-

ter's spot oo the referendum.

An 11.500-Seat Arens

other of spreading misinformation.

atruction of a student center and arena.

Students and faculty members are feud-

spenking out on sports issues.

Blame Put on 'Big Money'

where Mr. McMillen stands.

tion as a cartel.

Coming Soon to a Bookstore Near You:

3 Views of the World of College Sports

Job EiBlaggin said last week jule would leave Michigan to become mient of Tuffa University, purpling speculation about his out of MSIU'S sporta program. desdoord and personal ions" of the Tufts job were acted, and that he was excited w moving to a private college. Mediservers said that Mr. tes over the leadership of lion State's sports progr on hough he won—had hurt him. Berlies said the board recently had tried to give him more than its abril 605-year contract. Tufts pelin a seven-year contract. W niRiaggio leaves severe n behind. In March he hired Bean Baker to replace Goog Perles as athletics director. W. Raker is charged with easing h guston created by the fight uver when Mr. Perles abound be

nar as well as football coach. Whithe president's departure, alosing her atrongest suppurter that two trustees visited M: terest week to reassure her that old their backing.

cient role in the Big Ten lineace's drive to impose strict utels for sex equity in athletics expected to approve the new eds next month, but with Mr Siggio's departure, it is losing a advocate of equity.

Mr. DiBlaggio'a move to Tufts capt many by surprise because his are hid not been listed unuong the balsts. A Tufts official said Mr. Bigglo had asked that his unidacy not be announced and the wite had honored his request.

Questions about his role in a University of Virginia sports radal continue to haunt Ribert D. Schultz, the National diegiste Athletic Association's tive director

An side to Mr. Schultz when he Virginia's athletics director said month that he had uncovered describes showing the exact date and time when he told Mr. Schultz best leans made to athletes by a ints booster group. The assistant, Tom Gearhart, had

Virginia'a investigators earlier Mr. Schultz knew obaut the noest loans to athletes, Mr. bultz, however, said that while knew about loans to staff and tolly members and to graduate siant coaches, he knew nothing out loans to sthictes. In their not to enter the state of the s

the same. Criticism of him has eta limited to private coversations and the musings of expaper columnists.
But Mr. Schultz's troubles have on ammunition to the NCAA's Mics, who yow to watch the

firginia closely for signs of laxity.

They complain that the project, while called a "atudent-activities center," in primarily an I 1,500-seat basketball arena that will offer little in the way of other activities; that atudent fees would be raised to

Feud Erupts at Appalachian State U. Over Proposal for Student Center foot the bill for nearly \$10-million of the project's \$24.5-million cost; and that the center's construction would wipe out 12 acres of an environmental-study area in the

A Congressmen, a jaurnellet, and

callage sparts in these books,

core of the problems.

threa acanamics professora taks on

events on pay-per-view television, and the

professional football and basketball

leagues for depending so heavily on cal-

leges to develop their players. To Repre-

sentative McMillen, "big money" is of the

money at the top of the sports heap, sys-

"Because of the massive sums of TV

heart of campus. The critics also say that administrators

have consistently ignored the wishes af students and faculty members, who have voted overwhelmingly against the arena. "The idea of building a basketball arena when academic needs aren't being met ia ridiculous," ssid Wendy Tonker, a sophomore majoring in environmental policy, who jained the protest in the chancellor's office. "I'd have no problem if other thinga

Continued on Following Page

Drake U. Faculty Senate Moves to Give Professors Access to the Academic Records of Athletes

By DEBRA E. BLUM The faculty senate at Drake University adopted a resolution this month will subject the academic records af the universily's athletes to more scrutiny than those of athletes at most other colleges.

Some professors at Drake praised the actiao as a step toward greater oversight of the athletics program, while others said the measure unfairly singled out athletes and might impinge on their right to privocy.

The resolution was endorsed by 15 afthe

17 senate members who voted, it called for the annual appointment of a faculty panel to review the academie records of athletes and to make its reviews and some of the

records ovallable to other faculty members upon request. The first five-member panel is expected to meet by the fall.

Robert D. Hariman, president of the senate, said he expected that information about athleics' courses, instructors, and credit hours would be released to any professor who requested information, al-though the resolution did not apecify what information the panel would disclose.

The resolution stated that the name, sport, grades, grade-point average, and acadenile atanding of individual athletea would not be disclosed.

Frank Haggard, chairman of the English Continued on Following Page

Feud Erupts at Appalachian State U. Over Plan for Student Center

were up to par, but we have the worst library in the UNC system."

Appalachian State udministrators portray the critics us a small group of students and professors who do not represent the views of the student body or the faculty.

The activities center, the officials say, will significantly improve the lives of students and of citizens in the state's northwestern region by providing added space for graduntion, cultural programs, and intramurals, among other things.

They also say that Appainchian State has been trying for several proval for a science building and spent \$41-million on academic buildings-and not a penny of state money nn athletic-related facilisince 1968

"In the 17 years I've been here, we have built 700,000 square feet of ucademic space." said John E. Thomas, the university's chancellor. "To be a university, you have to have activity space as well, and it's the time to do that now."

Money for a Study

The dispute over the sports facility began in 1987, when North Carolina's General Assembly gave the university \$300,000 to study the possible renovation of its two gymnusia. A special panel determined that the university needed more space for intramurals, convocations, and cultural programs, as

Renovating the existing facili-ties, the panel found, would cost \$12-million, while a new multipurpose facility would cost \$24-million. In July 1989, the General Assembly appropriated \$3-million in capital funds to begin work on a new activities center-although the assembly has, on two occasions, withdrawn most of the money because of state budget woes.

Meanwhile, opposition to the center built steadily. In April 1991. per cent of the university's students participated, 1,025 voted to oppose the new center, while 389 endorsed it. The student govern-

Continued From Preceding Page

department at Iowa State Universi-

tv. has been actively involved in

promnting faculty participation in

sports governance. He said that

Drake might be the only university

to offer all of its faculty members,

in a formal way, the opportunity to

see at least some of its athletes

Many institutions have faculty

nanels that oversee the academic

progress of nthletes, and nll inatitu-

tions affilinted with the National

Collegiate Athletic Association

must certify that their athletes have

met the association's academic re-

quirements to be eligible to play

each year. But few, if any, univer-

sities allow faculty members who

are not on special oversight panels

access to the kind of data Drake

"Any movement toward disclo-

academic records.

'The Right Direction'



An architect's model of the proposed student-activity center at Appalachien State U. Opponents say the university needs a new science building, not an athletics center.

casions had voted to back the center then reversed its position.

The faculty sensite voted against building the facility in Mny 1990 and opposed the use of student-fee money to support it in May 1991.

This yenr, the legislature is considering a statewide bond referendum that has been nushed by the University of North Curolina system. The state system asked officists at each of its 16 public universities to recommend their priorities for projects that might be financed through the bond referendum. Appalachinn State proposed two: \$8.5-million for an academic-support building and \$9.5-million to-

ward the student-activities center That has sparked a new round of intense squabbling. Professors have traded letters (and barbs) with cellor for university advancement. who has circulated brochures promoting the activities center.

Says Mr. Levine: "For the last few years, those few people wha were against the student-activities center had carte binnche, and they sent out lots of stuff, much of it misleading, some of it downright lies. Their arguments do not hold

Drake U. Resolution Could Open Athletes' Records to Faculty

sure-which is vital to the reform

of intercolleginte sports-is move-

Jon Ericson, n professor of

pleased with the senate's action,

but added that he would like to see

more information available to more

people. He has proposed that Droke list the athletea' courses and

instructors in the university's me-

try is that athletes-at least in such

sports as football and men's bas-

ketball-are taking easy courses or

take certain instructors that push

them through," Mr. Ericson said.

"This is a serious charge, and until

everyone sees the data, we can't

ove that it is or is not the case."

Some Drake professors said that

protected by a law passed by Con-same way."

The allegation across the coun-

din guldes and game programa.

speech at Drake, said he was

ment in the right direction." Mr.

come for it to take nn aggressive view and dispute the misleading in-

The key issues in the dispute. and the pasitions of critics and adstrators, are as follows:

 Environmental, Oppanents of the center complain that construction will destroy a 12-acre patch of woods that is part of an environmental-study ares, and a group of biology professors culled a "damnsble lie" sn sssertion by Mr. Levine that science faculty members ficials acknowledge that the build-

would "disturb a small wooded

ment, which an three previous oc- the conclasion that the time had area," but they insist that the enviconmental impact would be minimsl and wauld not hurt unv endunred plant or animal species.

■ The building's services. University officials portray the activities center an a multi-use facility that will provide space for intramurals, cultural programs such as concerts and lectures, and a unified graduation ceremony. Appalachian had to hold six separate commencements this year because of lack of space, Mr. Levine said.

"This is a community that looks had rejected six alternative sites to the university to be the center of for the study area. Appalachian of- its cultural activity," said Chancelfor Thomas.

But faculty members and stu-

dents complain that the new build ing would exentially be an areas and just that. Unlike a student conter planned by the University of North Carolina at Charlotte which will have a food court, six intramural basketball couns, 7,000-square-foot game room, and

way of facilities for other student activities, faculty entics say, Rellica and Lobbying

State's center will offer little in the

Critics of the center hope that egislators will ignore the wither of Appaluchian officials and replace the facility on the referendam with science building. Faculty members and students are planning an eight-day bicycle tour ta the state capitol in Raleigh this week, sponsoring rallies in towns along the way to promote the primacy of academics in the budgeting process.

"Grass-roots citizens speak when they're frustrated, and when their leaders, the decision maters have not made good decision." said Harvard Ayers, a professor a unthronology who has mearhead

Officials in the General Assem bly say it is unlikely that legislators would overrule the university at ministration, but that does not mean the sports facility is a sure thing. Lawmakers have not decided whether they are willing to page legislation to put a bond re dum before voters. And even if they proceed with the refere they might decide to limit the list of projects to those that fulfill crack everyone agrees would exclude the

Three Books Offer Glimpses Into the World of College Sports

Continued From Preceding Page ble to attempt to reform sports at only one level, such as intercollegiate competitian. Failure to address the abuses at all levels will exact greater damage upon individuals, institutions, and society."

For most readers, the freshest malerial in Out of Bounds will be Mr. McMillen's recollections about his recruitment as a high-

gress in 1974. Known as the Buck-

lcy Amendment, the law prahibita

colleges from releasing records

about a student without the stu-

Lou Anne Simpson, a professor

of business law who is Drake's fac-

ulty athletics representative to the

NCAA, said she also worried that

athletes were being unfairly singled

out far special oversight. She said

that since the dean's office already

students wha may be academically

at risk, the new panel's task was unnecessary and would discrimi-

athletes wha have a 4.0 and we

have ones with academic difficul-

ties," she said. "The same goes for

"We have outstanding student-

nate against athletes.

senato's action might violate ath-

letes' privacy rights, which are and we should treat everyone the

reviews the academic records of all

dent's permission.

Unfairly Singled Out

water, and the university came to school basketball star in 1969,

line "The Best High School Atlalete in America." He was recruited by about 300 colleges, n process he says tore his family apart. With his own experiences as evidence, he argues that the recruitment process corrupts everyone involved in it.

Focus on One Institution

While Mr. McMillen costs his net widely, criticizing all of American sports, C. Fraser Smith focuses on one institution, the University of Maryland at College Park. Ostensibly a tale about Leonard K. Bias, the basketball star whose cocaine-induced death shocked the sports world in 1986, Lenny, Lefty, and the Choncellor (Bancroft Press) is less about Bias than about how decisions get made in a bigtime college program. For that rea-son, it may offer lessons to observers of college sports who have no more than a passing interest in the

son, professor at George Mason University's Center for the Study details of the Bian case itself. Mr. Smith, a political reporter for The Boltimore Sun, uses the athlete's death to explore broader issues in college sports, such as the tension between filling the seats in arenas and raising academic standards, and battles of wills between and collude, the authors argue, by coaches and academic administrasetting limits on the amount money athletes may receive, as tors. The Lefty of the title in Charles (Lefty) Driesell, Bias's acerbic coach at Maryland, and the Choncellor is John B. Slaughter,

then the university's chief. Mr. Smith takes a detailed look

when he appeared on the cover of ut what went nwry in the Temple program and offers some hereb fore unuvailable insights, including the private thoughts of Mr. Slaugh ter, now president of Occidental College, who gave Mr. Smith access to his diaries from that time.

Chicago Presa) take a more aca-

demic approach to college sports.

Using traditional economic s

proaches, the authors—Arthur A Fleischer, III, assistant professor

at Metropolitan State Callege

(Colo.), Brian L. Goff. associate

professor at Western Kentucky University; and Robert D. Telli-

of Public Choice argue that the

The association, they coalen

was "established and has operated

over time in the interest of the pe

rennial college football powers-

Those colleges dominate the asse-

ciation's administrative structure

by puniahing up-and-coming col-

lished powers wheo they break the

leges more harshly than the e

NCAA is a classic cartel.

Traditional Approaches

er support for the faculty uniun ht have urged it to atrike only if all the efforts fall. Others have In contrast to Mr. McMillen's personal and political memoir and trust the union of making tutents the hostages in their labor Mr. Smith's dogged reporting th three economics professors who "It's true that canceling classes is wrote The Notlonal Collegist Athletic Association: A Study in Cartel Behavior (University

hir most effective weapon," said lassed Kadour, chairman of Tel Adv University's student forement, "but they should have sed it only as a last resort." tool teachers also are

involved in a wage dispute and are appealing a court injunction that white them from disrupting highcasol graduation examinations.

Any disruption of the exam schedule wild delay the plans of graduating fulents to attend college next fail.

Prima Miniater Rashid al-Solh of Lebanon has picked an momist from the American University of Beirut to chert the watern country's finances.
Smir Makdesi, on economics
professor at the university, was med Economy Miniater. The post is a critical one. Mr. Solb's prefectsor, Prime Minister Omar Karand, reportedly lost his job lead month over his inebility to lead

thanea out of its post-civil war

Dispatch

Political correctness" is ker York University's Center Resch Civilization and Culture da Paris publisher are sponsorin alem at the Sorbonne June

ad 4 on the controversial subject, adapted to in France as "Le P.C." The conference will feature a sel of academics from the United s discussing "Political cosess and Multiculturalism," tround table of French ctusts and authors offening in thoughts on how the debate in his divided U.S. campuses is

em from sbroad, Tom Bishop, head of the NYU Secta center, is organizing the

lusel's seven oniversities acceptatedown by a faculty atrike

sim leaders ssy they will take

fritree days last week, and

are serious steps if the areament does not agree to

according to anion leaders.

hios and have not kept pace

invages in other comparable

eversients that claim, and

andance with the existing wage

thealty mion of trying to put

sure on the government hefore

te has 23 mational elections. Moiser of Finance Yitzhak Moda'i lesis that he will not negotiate may

ev wage agreements until ofter the

Student leaders are aplit on the

itia. Soma studeat-government

oficials have publicly declared

missions. The Ministry of

withet professors have

dy salaries have been eroded by

date a pay increas

bilized-Kabul University. At the gstes to the campus, Mujahedin guards, Kalashnikov rifles slung over their sity is not in operation. Although no classes are being held, the large campus is open. But for the most part the place is disc of trees to hold impromptu discussions and periodic salary increases in

> lowed to reopen soon, but no one knows exactly when this will happen," sald Gholam Nabl, an engineering professor at the university. "First, we need peace."

International

In Afghan Capital, Campus Is Dormant Even as City Revives

Mujahedin victors are in no hurry to see classes resume at Kabul U.

By JUSTIN BURKE KARUL, AFGHANISTAN

The Afghan capital is beginning to bustle again one month after Mujahedin rebels took power from the Communist regime and declared an Islamic government.

The situation is still tense in Kabul, as rival factions of the Mujahedin-the term means holy warrior-jockey to enhance their power. Although hesvily armed rebel fighters are everywhere, a shaky cease-fire remains in effect. Shaps have reopened and people-on foot and on bicycleshave begun to clog the streets again.

But one place in the city remains immo-

shoulders, are quick to say that the univercertingly still, almost eerie. Only a few people could be seen strolling among the empty buildings, or gathering in the shade

"We all hope the university will be al-

Closed for 3 Months

The university has been closed for three mouths, ever since rebel forces began their assnult on the enpital.

While the new Islamic government alrendy has ordered the reopening of all schools, it does not seem to be in an big a hurry to see classes resume at the university Continued on Page A34



Sarajevo University Faces Bleak Future in a Land Divided by Sectarian Strife

By DUSKO DODER and LOUISE BRANSON

SARAJEVO, BOSNIA-HERZEGO Marija Babic and her family have been living underground for weeks.

The medical professor, her art-histo-

rian husbaad, their two children, and their small dog are holed up behind sandbags in the cellar of the family's house on Sarajevo's Tito Street. When the shelling stops, they emerge to forage for food, to walk the dog, and, in the case of Dr. Bsbic, a renowned eye specialist, to see patients. Her classes at the University of Sarajevo's medical schaol are no longer meeting, becsuse the sectarian fighting has farced the in-

stitution to close.
Since the combat here started in early April, the university campus has been shelled many times. Mortar shells hit the Faculty of Philosophy building. The law school was severely damaged when Serb gunners hit the nearby central post office, in the process knocking out about two-thirds of the city's telephone system. The university's natural-sciences building and its music academy were heavily damaged.

21

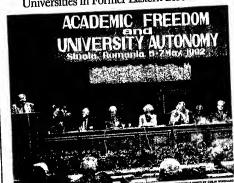
The ert shop run by Dr. Babic's husband, Milan, also was destroyed by shelling.

Searches by Serb Gunmen

The couple's son, Misha, is two examinations away from finishing law school. His sister, Mila, recently completed her first year of art studies.

Misha, like his father, now lives in

Universities in Former Eastern Bloc Seek More Links With the West



This month's Unesco canference in R est-level academic meeting to be held in the country since World War ii. By COLIN WOODARD

SINALA, ROMANIA For Romania's higher-education institutions, long isolated by the policies of the Ceausescu dictatorship, a Uoesco international conference on intellectual freedom and university autonomy held here this mooth marked a ceremonial return to the European academic community.

The meeting in this mountain resort was the highest-lavel education conference to be held in Romania since the end of World War II. Highar-education officials and academics from around the world took part in the conference, which organizers called a turning point for both the hoat country and the main sponsoring agency, the European Canter for Higher Education.

Among the keynote speakers were Romanio'a President ion Iliescu and Unesco's Director General Federico Mayor, who said that unemployment among college graduates was becoming an increaslogly serious problam worldwide. The blem, ha said, was caused in large part by the dramatle increase in the aumber of Continued on Page A33

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mera's Economic Crisis Sparks Violent Protests on Many Campuses

O
By STEVE ASKIN
oning inflation in Nigeria trigjudent protests at the Unire Lagos and other cumpusscath. The unrest came afauth of simmering political at the country's universi-

ust of southern Nigeria's eameiversities of Benin is and Port Harcourt among were shut down by the govrent, according to Julius here, an exiled professor and or charman of the Academic Union at the University of

affaceurt. 4: hanvbere, who is eurrently asignst professor of governin mited that precise details abid to obtain, because some and faculty leaders had arrested, while many others et into hiding" to avoid being

overmen for the Nigerinn hasy in Washington said he twisformation on the reported on conflicts. The apokesmun at, however, that there apand to be no direct connection eathe violence on the camga is southern Nigeria and between Christians und is in the northern part of the or in which hundreds of peothe fied in the past two



versities Commission could not be fares in the oil-rich West African reached for comment

9 at the University of Ibodan, when demonstrators barricaded the campus, forcing the institution to close. The students told journaliots that they were protesting economicaustority programs that had led to the rapid deterioration of campus facilities and educational pro-

The conflict spread to Nigeria's largest city on Mny 13, when students at the University of Lagos demonstrated in protest of an acute Età at the Washington Of-

fice of the Notional Nigerion Uni- to the doubling of public-transit nation. The students' call for 0 two-day general strike to press their detary government step down reportedly struck a responsive chord omong the residents of poor neighborhoods in Logos, resulting in attacks on motorists and looting of

Violence also was reported at ble Lagos State University in one of the copital's pooreot neighbor-

Student leaders on that campus told reporters that riot police had day," he said.

Okuniyi, president of the universi-ty's Student Union, told The shington Post that police had shot five students on the campus, an action that he branded "state terrorism."

The protests followed six months of intensifying conflict at universities ocross Nigeria.

During that period, occording to a report issued in April by the humon-rights group Africa Watch, the government 'closed a number of universities, proscribed student unions on a number of eampuses. and expelled and suspended hundreds of students without fair hear-

ings."
The report contended that "persistent attacks on the universities" by the government had erented un ment in which "the costs of university education grew, conditions continued to deteriornte on campuses, and the demand by students for meaningful university ed-

Conflict Called Inevitable

Mr. Ihonvbere said that "accelerating repression of faculty and students," combined with drastic budget cuts ond runaway inflotion, had made campus conflict inevita-

"The conditions in the universities have deteriorated to such a level that it's difficult to talk about an aendemic system in Nigeria to-

"The very best academics are

out of the country," added Mr. thoushere. "The student minns have been suppressed."

The Africa Watch report said that administrators at Lagos State laid closed the campus for three weeks late last year and temporar ily banned the student union after the student body elected a chief executive who had "established himself as an effective force in exposing administrative ineffectiveness and in improving conditions for students.

University of Lagos students have complained at least since December about political spying and physical threats directed against their compus leaders.

Appeals to U.S. Universities

In the United States, the Conmittee for Aendemic Freedom in Africa has appealed to American universities to provide assistance to Nigerian students displaced by violence and human-rights viola-

"Many students who were arrested in recent cruckdowns are trying to find ways to get out of Nigeria," said Sylvia Federici, an assistant professor of political philosophy and international studies at Hofstra University and one of the two coordinators of the Committee for Academic Freedom in

'It is very important to make academies here see what's happen-ing," said Ms. Federici, "to find scholarships for students who need to leave Nigeria, and provide muterial support for people who have been impriooned.

liversities in Former Eastern Bloc Seek More Contact, Cooperation With West autonomy and seadonic freedom and my Western colleagues here be based in Eastern Europe. It was

Moved From Page A31 at the 61 million today, ac-

edeg to Unesco data. The most dramatic growth hus in developing countries." Mayor. As a result, muny aless in those countries have

apiled to the West. Be brain drain has hampered development efforts of many kins, Mr. Mayor suid. From 38 is 1987, he noted, some 100 African graduates left their outres to find work in industrialto then 80,000 foreign experts be posted to sub-Saharan Africa

Countries in Eastern Europe on experiencing a similar brain bis, he noted. Unesco, he anouted, will provide \$300,000 to emport its efforts to counter the

"It is Unesco's intention to campaign to find adequate whiten to these problems, and hope that the European univerassist us." said Mr. Mayt lie added that he hoped the bittence would apur new con-Cions between European unithis and those in developing

itm and Basic Needs

he many who were here, how-be, the real business at hand was big new links between univer-A. The essential importance of

small discussion groups and in the corridors often turned to the more argent and busic needs of the East's universities, which are struggling with neute financial diffi-culties, isolution, and a shortage of up-to-date research resources and

"East European universities need oversens contucts to rejoin

"We need to talk about what we are going to do

to help the East European institutions, because

they are in a very difficult situation."

the European space," said V. N. Constantinescu, president of the National Rector's Conference of Romania. University development in the region stopped around 1947. he said, and now "the problem is how to jump from 1947 to 1992." He added that univerdities in western Europe could provide assistance most effectively by offering fellowships for eastern Europe's junior faculty members, and visit-

ing professorships for senior ones. During one diocussion, Vadim Kokorev, a Moscow State University economics profesoor, made an is a sastern and western Eu-be. The essential importance of ened institution. "I hope Unesco

in higher education was reuffirmed will help uo," he said, "Support us founded in Bucharest by Unesco in 20089 students in the past 2D in higher education was reuffirmed will help up, he said. Support us will help up a support us intellectual tomorrow, and we will support you in future years." Snid Peter Fischer-Appelt, presi-

> these universities are far away from these discussiono we are hav-Mr. Pischer Appelt now serves

as president of the Softo-based Snints Cyril and Methodius Foundation, a non-profit agency that channels international aid to organizations involved in building de-moracy in eastern Europe. He also apoke of the need to set up a Western consortium to coordinate aid and delegate reopons assisting universities in member nations of the Commonwealth of Independent States. "Otherwise everyone goes to Moscow, or Leningrod, or moybe Kiev, but never elsewhere," he said.

"For once we need to sit down and tolk about what we are going to do to help the East European inotitutions, because they are in a very difficult oituation."

The meeting here represented a coordinated effort between the European Center for Higher Educa-tion, known as capes for its initials in French, the National Rector'o Cooference of Romania, the Council of Europe, and the Standing Conference of European Rectors.

The conference coincided with intergovernmental organization to

regime's more benign period. The organization was forced to contend with many of the problems foced dent emeritus of the University of by Romanian universities, includ-Hamburg: "The dromotic needs of ing government interference, extremely poor mail and telecom munication systems, power ration ing, blackouts, and ocute shortages of baoic goods. Toword the end of his rule, Ceausescu often closed border crossings without warning or explanation. The situation for Romania's acodemics was more extreme-contact with foreigners was forcefully diacouraged.

Hardships Under Ceauseocu

"It was very radical in the last years," recalled the director of CEPEO, Carin Berg. "University professors were not allowed to leave the country during the acodemic term, and at other times they were often denied exit visas. All aorto of restrictions existed"which, she said, enforced a complete separation from higher edu-cation in the rest of the world.

With the collapse of communi in Romania and the rest of Eastern Europe, Ms. Berg said the hoped ceres could now play a grenter role in forging a truly pan-European university community and in bring ing together universities from all corners of Europe and beyond. "There is a new context," she

said, "both in terms of the politthe 20th anniversary of ceres, which describes itself as the first actors on the higher-education

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Bitter Sectarian Conflict Forces Sarajevo's University to Close

Continued From Page A31 daily fear of heing discovered and forced into the Serbian federal army. Serb gunmen have been moving from house in house, searching for guns and for young ... men to juin them. Posters have gone up ordering all Serb men to report for duty

Diving for Cuver

Only Dr. Habic has refused to stay in the family's subterranean prison. She argues that her patients need her. She had been traveling three times a week--by ambulance-to the hospital in the Scrbcontrolled suburb of Ilidza. Hut in recent weeks Hidza hus seen some of the worst tighting, so she has relocated to Kosevo Hosnital. which is affiliated with the medical school. It is located in northern suburbs now held by Muslims, who muke up 45 per cent of Hosnin's population. More than once she s had to dive for cover. Her ambulnnee must cross secturing eheckpoints, where she is often forced onl ut gonpoint und scarched.

Like many other Serbs, the Babics refused a call by Serb national-Sarajevo and move to Pule, a mountain settlement outside the city that is the seat of a new Serbian Republic of Bosnia-Herzegovi-na. The family simply refused to combustible mix of religions and

nationalities. Other university stuff members did move to Pale and have assumed leading positions in the government of the new Serbian Bosnia-Herzegovina, Aleksa Buha, a professor of philosophy at the university is foreign minister. Nikola Kolje vic, a Shakespeare scholar, is president of Parliament.

At the outset of the fighting, the U.S. Embassy in Belgrade re-

The ethnic strife

has driven a stake

into the heart

of the scientific

of Saralevo."

ceived phone calls from many Muslim neadenties in Bosnin inquiring about the possibility of going to the United States. But such calls have stopped.

The breakdown in telephone communications has made it exlst leaders in early April to leave tremely difficult to learn the whereabouts of many of the university's faculty members. Harry Miller, an American who teaches mathematics at the university, and his wife, Naza Tanovic-Miller, reported earbelieve that sectarian carnage in

Serajevo was possible, despite its

been hit by shelling and that they ly this month that their home had

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were hiding in its basement. U.S. consular officials said last week that they had not heard from the couple in at least two weeks.

It is now virtually impossible to move abuut Sarajevo, where snipout. Even the occasional ear careering down a street attracts bursts of machine-gun fire.

More Than 700,000 Refugees

Why the Bubic family is staying on in the city, hiding in the bowels of their house, even they cannot fully explain. But they do say they du not want to become refugees. they do not want to leave the city they have lived in all their lives.

Vasi numbers of others, however, decided that they had no choice, More than 700,000 refugees have fled their homes in Bosnin in the past month. Last week the Babics got an ex-

tra reason to worry: Muslims set up machine-gun nests in the textile sliop pext door. Now the family rarely ventures up into its firstr apartment, where all the windows have been blown out. By some miracle the electricity works, nnd the Babics are still in part living off the food in the freezer of a neighbor, who was out of town when the Irouble began but phoned to tell them to take the food. He had left a spare key with them. Small matter that they are Serbs and he is Muslim. They had been

neighbors all their lives. last week at the deserted stalls of the central market were nettles.

Only a miracle can save Sarajeo, a once lovely mountain city where the 1984 Winter Olympics were held. Serb forces seem determined to destroy it-one-third of

the city is in ruine already.
In Sarajevo, the Muslims have always been dominant. They feel it is their capital and the center of the new nation of Bosnia-Herzegovina. Without Sarajevo, the Muslims lose some of their Identity, and it becomes easier for Serbia and Croatia to carve Bosnia up, as each wants to do. Though Serbs make up only 3t per cent of Bosnis's 4.3 million people, they claim 65 per cent of its land. Croatia, too, has forces fighting in Bosnia, as it tries to claim large parts of the republic.

Psychological Divisions

Even if parts of Sarajevo remain standing, the Babics and other Serbs could never live here as they dld before. The fighting has driven psychological divisions between the three nationalities-Serbs. Croats, and Moslims-who used to

live here in harmony. More grim news came last week, when European Community observers, Red Cross workers, and United Natioos officials pulled out of the war-torn city, condemning the "anarchy" and "criminality" that made it too daagerous for them

to do their jobs.
As for Sarajevo's university, obervers say the outlook is bleak. The elbaic strife has driven a stake into the heart of the scientific community of Sarajevo," said a Western diplomat who follows higher education in what was Yugoslavia. "It has ended any hope that the university could be rebuilt any time soon '

Afghanistan's Leaders in No Hurry to Resume Classes at Kabul U.

Continued From Page A31 Iv. One reason, several people on the eampus said, is that many professors and students are not likely to embrace wholeheartedly the Islumic style of the Mujahedin. The issue of just how religious the post-Communist state should be is one that divides the rebel factions, at least one of which adheres to a staunchly fundamentalist approach to Islam.

The new government has moved ickly to try to re-establish (slamic beliefs and behavior in a country in which adherence to religious custom was eroded by 14 years of Communist rule. Alcohol has been banned. Women have been required to dress in ways that cover most of their bodies.

Such changes have been received cantiously by the university community, said several professors, all of whom declined to give their names because of their fear of reprisals. Many openly declared a personal orientation to the West.

Major Changes Likely

When the government does ftnally decide to reopen the university, there is little doubt that the curriculum will be subjected to major changes, several professors said. A new emphasis on Islamic studies But food supplies in the city are and the complete elimination of dwindling. The only thing for sale Marxist studies are among the continue to wear suits."

first, they said.

"There is nothing wrong with

Nabi, said it was too early to make the is directors. A clear indication dishereturns to MIT. spoke in English.

"We hope a mullah will not be appointed, because we need an acclerical way.

A mollah is a Muslim religious teacher or leader.

Mr. Nabi said he and other aca-

demics would resist any attempt to impose Islamic fundam the university.

"I'm not going to dress lo traditional clothes." he said.

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that—it is natural because vate an islamic country. "Sub, in 20-year-old policies, feeding announced that Nobel Laureate David processing the processing of the processing But some academics are optionable of the source of that, under the new manners, the tenses of Islam might be heavily relied upon to determ. heavily relied upon to determine reproduct affiliate of MIT—to become president of the content of courses, just at locateller University in 1990. He resigned last Marxism dominated higher and hearther because of a controversy caused by his tion during the Communist' year and the control of the con bethe is director of a molecular-biology laburatory.

of the university's future direction in making the announcement, Robert J. Birgenau, will come when the government and science at MIT, said: "David Baltimore is one uf the appoints a rector for the inside tion, said Mr. Nabi, who was detected in the United States and

Janyears ago two black professors—Henry Louis ndemic," he sald. "A mellah is a little, Jr., and Hortense Spillers—left Cornell University's very learned man, but only in a legish Department. Mr. Gntes went to Duke thesity and aubsequently moved to Harvard inasity. Ms. Spillers went to Emory but recently moto return to Cornell in the full of 1993.

> thereit Koop, former Surgeon General of the the States, is a busy man. In April it was unnounced switten named a Distinguished Scholar at the Sante Foundation for the Advancement of Tenching. his week Dr. Koop, Dartmouth College, and the Amouth-Hitchcock Medical Center announced the willishment of the C. Everett Koup Institute, thicated to medical education, to reshaping the nation's bith care system, and improving the quality of refeateare for patients and their families." D. Koop will be the Elizaheth DeCnmp McInerny Messor of Surgery.

latweek USA Today asked seven well-known be totalk about "tough tenchers they remember." Men J. Bennett, former U.S. Secretary of Education, and John Silber, now president of Boston University. M. Bennett gave this explanation for his choice: "Rewas my graduate professor in philosuphy at the liversity of Texas. I wrote my dissertution for him in bralphilosophy, 210 pages. He rejected it. . . . So I mie another, and got my Ph.D. What's the point of all is? came to Washington; I had three jobs in Premment. And I have tough critics. But I was ready. I warhad stougher critic, and I still don't."

Commencement notes: Doris Eaton Travis, 88 and a former member of the Cashid Follies, graduated from the University of Chihoma this year. Elected to Phi Beta Kappa, she is beddest person to graduate in the history of the mersity. To mark the oceasion, she and her husband, have\$500,000 to the university for a chair in modern metican history, Mrs. Travis's major. Interior Fonda avoided confronting a small group of Mesters by not accompanying her husband, Ted Turner, the he addressed the graduating class at the Citadel. Tomer's three sons are Citadel alumni. The Goodyear Tire and Rubber Company's "Spirit Atron" blimp flew over the College of Wooster. Stanley the company's chairman, received an honorary The from his alma mater and said, "If anybody thought I budlet 3,000 people get together in one place without ling in a commercial, they're erazy.

Gazette APPOINTMENTS, RESIGNATIONS, DEATHS, AND COMING EVENTS



Steven S. Kohlik Reed College



Xavier University



Philadelphia College of Textiles and Science



College of Aeronoutics

American Collegiote

Petuiliue Associatio





a New college and university chief executives: College of Aeronautics, Richard B. Goetze, Jr.; Gordon College (Mass.), R. Judson Carlberg; Reed College, Steven S. Koblik; Rochester Institute of Technology, Albert J. Simone; Tufts University, John DiBinggio; University of Osteopathic Medicine and Health Sciences, Keith D. Blayney.

Other new ohlef executive: National Academy Foundation, John Dow, Jr.

Appointments, Resignations

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R. Judson Catherg, sonlor vice-presi-dent for development at Cordon Cot-loge (Mass.), to president, Rick L. Chaney, chalman of economics a Soid Loids U., to vice-president and seedemic deas of the catvershy's campus in Martid. Spain. Jegos B. Clark, action is seeding dean of spidents at Princeton U., to associate

students at Princeton U., to assochic desc.

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al Louisians State U., to dean of the graduate school.
Ophtha M. Freund, leterim dean of the school of certifing at U. of North Caroling at Chapel Hill, to dean.
Michael Reddand, professor of citaical medicine at New York Medical College, to professor of mediolacs and dean of the citaical campus at Bing-

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Halla Science Caster al Syrecuse.
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Dartmouth College, to director of public evects of Arizons Stote U.
Res J. Resh, accodemic vice-president at
Rockhurst College, to dean of the collegen of arts and a clonces at Xavier U.
(Ohlo). Continued on Followins Page

CONFERENCES, CALLS FOR PAPERS

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sociate dean. teven 5. Kobik, dean of the faculty and professor of history at Scripps Col-lege, to president of Reed College, ef-

lege, to president of Reed Coneae, effective in August.
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Anoent A. McCarthy, dean of the college
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Patricia M. Pareso, comptroller at Sieve-art Holding Company (Seattle), to business manager at Cornish College of the Arts. William M. Richardson, professor of vo-cational education and associate deem william of the Comptrol of the Con-trol of the Comptrol of the Con-trol of the Comptrol of the Con-ministor College (Mo.), has oncounced his relignation, effective June 30. After J. Simons, predicted of U. of Ha-ministor College (Mo.), has oncounced his relignation, effective June 30. After J. Simons, predicted of U. of Ha-ministor College, predicted of U. of Ha-ministor College, predicted of U. of Ha-ministor College, predicted of U. of Ha-ministor, professor, prof

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IN THE ASSOCIATIONS

Summ Florito, againstant professor of clothing, texulies, and merchandisine at Florido State U. has been elected president of American Collegiate Re-tailing Association. Davydd J. Greenwood, director of the

center for international studies of Cor-nell U. has been elected president of Association of International Educa-tion Administrators.

tion Administrators.

Jany D. Wileox, director of the office of International atudents and scholars of Cornell U., hos been elected president of National Association of Foreign

JAMOGLAMY

John Daw, Jr., superintendent of schools in New Hoven, Conn., to president of National Academy Foundation.

Hamp Hinenberg, preaddent of the International Publishing Oroup of Simon & Schutter, to president of the International Publishing Oroup of Simon & Schutter, to president of the comparation of the Control of Art, to account manager and the Control of Art, to account manager and second of Art, to account the Art, and the Art,

Deaths

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Parkit S. Hapat, I.4., director of alumni davelopment at Binerson Colloge, May 4 in Combridge, May 5 in Commission of Colloge, May 4 in Combridge, May 5 in Combridge, May 6 in Combridge, May 6 in Colloge, May 7 in Combridge, May 10 in Colloge, May 10 in Colloge, May 10 in Colloge, May 10 in Colloge, May 10 in Publam, Mass.

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